



Lenovo ThinkCentre M72z with Frame Stand



Lenovo ThinkCentre M72z with Frame Stand



Lenovo ThinkCentre M72z with Monitor Stand



Lenovo ThinkCentre M72z with Monitor Stand



Dual Independent Display with Optional Lenovo ThinkVision Monitor

ThinkCentre M72z (3543) - TopSeller (Win 8)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial port	PS/2 port	Stand type	Key-board/Mouse Global	Preload	Ann date (mm/dd/yy)
3543-B6U	i3-3220	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	Intel 105	Media	None	None	None	Frame	USB	None	Win7 Pro64 03/12/13

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 1-year limited warranty

Positioning	<i>Mainstream All-In-One PC for the enterprise</i>											Preloaded operating system²⁰		
Processor	Intel® Core™ i3-3220 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit		
Implementation	Processor in LGA1155 socket											Ready to install applications (only some listed)		
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager • Business-in-a-Box 		
Graphics	Intel HD Graphics 2500 in processor, uses main memory, external digital monitor support via DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort)@60Hz</i>											Preloaded applications (only some listed)		
DP dongle	None											<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Automatic Lock Utility • ThinkVantage Power Manager • View Management Utility • Lenovo Solution Center • Lenovo Message Center Plus • RapidBoot HDD Accelerator • Lenovo SimpleTap • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Windows Live™ Essentials • Microsoft® Office preloaded; purchase a product key to activate • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW) • InterVideo WinDVD® (DVD, DVD±RW) 		
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 dynamic contrast ratio													
Multi-touch	None													
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, integrated digital MIC array with stereo, physical switch on/off													
Controls	Front facing buttons for brightness up/auto, brightness down, and power on/off													
Disk	Hard Disk Drive / SATA 3.0Gb/s, 3.5" Wide, 7200 rpm													
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable													
Media reader	7-in-1 Single Slot SD media reader													
Chipset	Intel H61 Express Chipset													
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort connector, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)													
Side ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
PCIe Mini Card	One PCI Express® Mini Card slot													
PCIe WLAN	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1													
Bluetooth	None													
Ethernet	One gigabit ethernet port, Realtek® RTL8111E-VB													
Audio	High Definition (HD) Audio, Realtek ALC269Q													
Speaker	Two internal stereo speakers (2watt x 2)													
Intel AMT	None													
Security chip	Trusted Platform Module (TPM 1.2-compliant)													
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Power supply	150 watts, autosensing, 85% PSU													
Machine	<i>Model(s) with Non multi-touch, Frame stand:</i> <ul style="list-style-type: none"> • Business black color • 20.0" W X 4.0" D X 16.2" H • 507mm W X 101mm D X 411mm H (including stand) • 14.6 lb (6.6 kg) in maximum configuration • Handle in rear, removable feet • Support VESA mount (100mm) 											Security <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • Chassis intrusion switch on selected model(s) 		
												EPEAT™ Gold rating ENERGY STAR® 5.2-compliant TCO Certified Edge Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant		
												Supports ThinkVantage Technologies		
												For compatible accessories, please go to O-M72Z sheet; For Lenovo service upgrade options, please go to S-TC sheet		
Limited Warranty	1-year, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available													

ThinkCentre M72z (3548) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial port	PS/2 port	Stand type	Key-board/Mouse	Global	Win7 preload	Ann date (mm/dd/yy)
3548-A9U	i5-3470S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	Media	None	None	None	Monitor	2.4G	None	Pro 64	06/05/12
3548-B1U	i5-3470S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	Media	None	None	None	Monitor	USB	None	Pro 64	06/05/12
3548-B2U	i7-3770S	4GBx2 1600MHz	2.0M	500G 7200	HD 4000	11b/g/n	Media	None	None	None	Monitor	USB	None	Pro 64	06/05/12
3548-B3U	i7-3770S	4GBx2 1600MHz	2.0M	500G 7200	HD 4000	11b/g/n	Media	None	None	None	Monitor	2.4G	None	Pro 64	06/05/12
3548-C1U	i3-3220	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	None	None	Serial	None	Monitor	USB	None	Pro 64	09/04/12

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Mainstream All-In-One PC for the enterprise</i>	<p>Preloaded operating system²⁰</p> <p>Genuine Windows® 7 Professional 64</p> <p>Ready to install applications (only some listed)</p> <ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager ● Business-in-a-Box <p>Preloaded applications (only some listed)</p> <ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Automatic Lock Utility ● ThinkVantage Power Manager ● View Management Utility ● Lenovo Solution Center ● Lenovo Message Center Plus ● RapidBoot HDD Accelerator ● Lenovo SimpleTap ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ for Windows ● Windows Live™ Essentials ● Microsoft® Office preloaded; purchase a product key to activate ● Corel® Burn.Now™ (DVD±RW) ● Corel DVD MovieFactory® (DVD±RW) ● InterVideo WinDVD® (DVD, DVD±RW)
Processor	Intel® Core™ i3-3220 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller	
Implementation	Intel Core i5-3470S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD 2500 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology	
Memory	Intel Core i7-3770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), integrated Intel HD 4000 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket	
Graphics	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)	
DP dongle	Intel HD Graphics 2500 or Intel HD Graphics 4000 in processor, uses main memory, DirectX® 11, external digital monitor support via DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort)@60Hz</i>	
Display	None	
Multi-touch	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 dynamic contrast ratio	
Camera	None	
Controls	Camera on top of screen, 2.0-megapixel, fixed focus, integrated digital MIC array with stereo, physical switch on/off	
Disk	Front facing buttons for brightness up/auto, brightness down, and power on/off	
Optical	SATA 3.0Gb/s, 3.5" Wide, 7200 rpm	
Media reader	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable	
Chipset	Some: 7-in-1 Single Slot SD media reader	
Rear ports	Intel H61 Express Chipset	
Side ports	Four USB 2.0, ethernet (RJ-45), DisplayPort connector, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)	
PCIe Mini Card	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
PCIe WLAN	One PCI Express® Mini Card slot	
Bluetooth	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2	
Ethernet	Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter	
Audio	One gigabit ethernet port, Realtek® RTL8111E-VB	
Speaker	High Definition (HD) Audio, Realtek ALC269Q	
Intel AMT	Two internal stereo speakers (2watt x 2)	
Modem	None	
IEEE 1394	None	
Security chip	None	
Keyboard	Trusted Platform Module (TPM 1.2-compliant)	
Mouse	Some: Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo	
Power supply	Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black	
Machine	Some: Enhanced Optical USB Mouse, black, Lenovo logo	
	Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black	
	150 watts, autosensing, 85% PSU	
	Model(s) with Non multi-touch, Monitor stand:	
	<ul style="list-style-type: none"> ● Business black color ● 20.0" W X 8.9" D X 17.0" H ● 507mm W X 227mm D X 431mm H (including stand) ● 18.5 lb (8.4 kg) in maximum configuration ● Tilt: 25° back, -5° forward; Lift: 110mm; Swivel: +/-45° ● Support VESA mount (100mm) 	
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	<p>Security</p> <ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● USB port disablement ● Chassis intrusion switch on selected model(s) <p>EPEAT™ Gold rating</p> <p>ENERGY STAR® 5.2-compliant</p> <p>TCO Certified Edge</p> <p>Cisco EnergyWise compatible</p> <p>GREENGUARD® certified</p> <p>RoHS-compliant</p> <p>Supports ThinkVantage Technologies</p> <p>For compatible accessories, please go to O-M72Z sheet;</p> <p>For Lenovo service upgrade options, please go to S-TC sheet</p>

See footnotes for important warranty information
 US models announced June 5 or September 4, 2012
 US models withdrawn effective May 2014

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ThinkCentre M72z (3548) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial port	PS/2 port	Stand type	Key-board/Mouse	Global	Win7 preload	Ann date (mm/dd/yy)
3548-B4U	G640	2GBx1 1600MHz	2.0M	500G 7200	Intel HD	11b/g/n	None	None	None	None	Monitor	USB	None	Pro 64	07/24/12
3548-B9U	G640	2GBx1 1600MHz	2.0M	500G 7200	Intel HD	11b/g/n	None	None	Serial	None	Monitor	USB	None	Pro 64	08/14/12

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Mainstream All-In-One PC for the enterprise</i>											Preloaded operating system²⁰			
Processor	Intel® Pentium® G640 Processor (2 cores / 2 threads, 2.8GHz, 3MB cache), integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket											Genuine Windows® 7 Professional 64			
Implementation	Processor in LGA1155 socket											Ready to install applications (only some listed)			
Memory	16GB max, PC3-12800 1600MHz DDR3, two 204-pin SODIMM sockets (notebook); System automatically clocks down for processors with 1066MHz DDR3 memory controller											<ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager • Business-in-a-Box 			
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 10.1, external digital monitor support via DisplayPort™, supports dual independent display; Maximum resolution: 2560x1600 (DisplayPort)@60Hz											Preloaded applications (only some listed)			
DP dongle	None											<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Automatic Lock Utility • ThinkVantage Power Manager • View Management Utility • Lenovo Solution Center • Lenovo Message Center Plus • RapidBoot HDD Accelerator • Lenovo SimpleTap • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Windows Live™ Essentials • Microsoft® Office preloaded; purchase a product key to activate • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW) • InterVideo WinDVD® (DVD, DVD±RW) 			
Display	20.0" (508mm) HD+ (1600x900) TFT color, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 dynamic contrast ratio														
Multi-touch	None														
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, integrated digital MIC array with stereo, physical switch on/off														
Controls	Front facing buttons for brightness up/auto, brightness down, and power on/off														
Disk	SATA 3.0Gb/s, 3.5" Wide, 7200 rpm														
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable														
Media reader	None														
Chipset	Intel H61 Express Chipset														
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort connector, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)														
Side ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
PCIe Mini Card	One PCI Express® Mini Card slot														
PCIe WLAN	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2														
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter														
Ethernet	One gigabit ethernet port, Realtek® RTL8111E-VB														
Audio	High Definition (HD) Audio, Realtek ALC269Q														
Speaker	Two internal stereo speakers (2watt x 2)														
Intel AMT	None														
Modem	None														
IEEE 1394	None														
Security chip	Trusted Platform Module (TPM 1.2-compliant)											Security			
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo											<ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • Chassis intrusion switch on selected model(s) 			
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Power supply	150 watts, autosensing, 85% PSU														
Machine	<i>Model(s) with Non multi-touch, Monitor stand:</i> <ul style="list-style-type: none"> • Business black color • 20.0" W X 8.9" D X 17.0" H • 507mm W X 227mm D X 431mm H (including stand) • 18.5 lb (8.4 kg) in maximum configuration • Tilt: 25° back, -5° forward; Lift: 110mm; Swivel: +/-45° • Support VESA mount (100mm) 											EPEAT™ Gold rating ENERGY STAR® 5.2-compliant TCO Certified Edge Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies			
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											For compatible accessories, please go to O-M72Z sheet; For Lenovo service upgrade options, please go to S-TC sheet			

See footnotes for important warranty information
 US models announced July 24 or August 14, 2012
 US models withdrawn effective May 2014

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ThinkCentre M72z (3548) - TopSeller (Win 8)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial port	PS/2 port	Stand type	Key-board/ Mouse Global	Preload	Ann date (mm/dd/yy)
3548-C6U	i5-3470T	4GBx1 1600MHz	2.0M	1TB 7200	HD 2500	11b/g/n	Media	None	None	None	Monitor	USB	None	Win8 Pro64 10/23/12
3548-C7U	i7-3770S	4GBx2 1600MHz	2.0M	1TB 7200	HD 4000	11b/g/n	Media	None	None	None	Monitor	USB	None	Win8 Pro64 10/23/12
3548-C8U	i3-3220	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	Media	None	None	None	Monitor	USB	None	Win7 Pro64 10/23/12
3548-C9U	i3-3240	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	Media	None	None	None	Monitor	USB	None	Win7 Pro64 10/23/12
3548-D1U	G640	2GBx1 1600MHz	2.0M	500G 7200	Intel HD	11b/g/n	Media	None	None	None	Monitor	USB	None	Win7 Pro64 10/23/12
3548-D2U	i3-3220	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	None	None	None	None	Monitor	USB	None	Win7 Pro64 10/23/12
3548-D3U	G860	2GBx1 1600MHz	2.0M	500G 7200	Intel HD	11b/g/n	None	None	None	None	Monitor	USB	None	Win7 Pro64 10/23/12
3548-F2U	i3-3220	4GBx1 1600MHz	2.0M	180G SSD	HD 2500	11b/g/n	Media	None	None	None	Monitor	USB	None	Win7 Pro64 11/20/12
3548-F4U	G2020	2GBx1 1600MHz	2.0M	500G 7200	Intel HD	11b/g/n	Media	None	None	None	Monitor	USB	None	Win7 Pro64 01/22/13
3548-F7U	i5-3470S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	Media	None	None	None	Monitor	USB	None	Win7 Pro64 03/05/13
3548-F9U	i7-3770S	8GBx1 1600MHz	2.0M	1TB 7200	HD 4000	11b/g/n	Media	None	None	None	Monitor	USB	None	Win7 Pro64 03/05/13
3548-G1U	i5-3470S	4GBx1 1600MHz	2.0M	1TB 7200	HD 2500	11b/g/n	Media	None	None	None	Monitor	USB	None	Win7 Pro64 03/12/13

Positioning	<i>Mainstream All-In-One PC for the enterprise</i>										Preloaded operating system²⁰			
Processor	Intel® Pentium® G640 Processor (2 cores / 2 threads, 2.8GHz, 3MB cache), integrated Intel HD Graphics, integrated DDR3 memory controller (up to 1066MHz) Intel Pentium G2020 Processor (2 cores / 2 threads, 2.9GHz, 3MB cache), integrated Intel HD Graphics, integrated DDR3 memory controller (up to 1333MHz) Intel Pentium G860 Processor (2 cores / 2 threads, 3.0GHz, 3MB cache), integrated Intel HD Graphics, integrated DDR3 memory controller (up to 1333MHz) Intel Core™ i3-3220 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated DDR3 memory controller (up to 1600MHz) Intel Core i3-3240 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated DDR3 memory controller (up to 1600MHz) Intel Core i5-3470T Processor (2 cores / 4 threads, 2.9GHz, 3MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i5-3470S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD 2500 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i7-3770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), integrated Intel HD 4000 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology										Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 8 Pro 64-bit			
Implementation	Processor in LGA1155 socket										Preloaded applications (only some listed) - Windows 7 models <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage Communication Utility ThinkVantage Power Manager Lenovo® Message Center Plus RapidBoot HDD Accelerator Lenovo SimpleTap Adobe® Reader® Corel® Burn.Now™ (DVD±RW) Corel DVD MovieFactory® (DVD±RW) InterVideo WinDVD® (DVD, DVD±RW) - Windows 8 models <ul style="list-style-type: none"> Lenovo Support Lenovo Settings Lenovo Companion Lenovo Cloud Storage Norton™ Studio AccuWeather Evernote® Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) - All models <ul style="list-style-type: none"> ThinkVantage System Update ThinkVantage Automatic lock Utility Lenovo Solution Center View Management Utility Norton Internet Security (30 days of virus definitions) Microsoft® Office preloaded; purchase a product key to activate Skype™ 			
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook) <i>System automatically clocks down for processors with 1066MHz or 1333MHz DDR3 memory controller</i>													
Graphics	Intel HD Graphics / 2500 / 4000 in processor, uses main memory, external digital monitor support via DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort)@60Hz</i>													
DP dongle	None													
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 dynamic contrast ratio													
Multi-touch	None													
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, integrated digital MIC array with stereo, physical switch on/off													
Controls	Front facing buttons for brightness up/auto, brightness down, and power on/off													
Disk	Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: Hard Disk Drive / SATA 3.0Gb/s, 3.5" Wide, 7200 rpm													
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable													
Media reader	Some: 7-in-1 Single Slot SD media reader													
Chipset	Intel H61 Express Chipset													
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort connector, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)													
Side ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
PCIe Mini Card	One PCI Express® Mini Card slot													
PCIe WLAN	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2													
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter													
Ethernet	One gigabit ethernet port, Realtek® RTL8111E-VB													
Audio	High Definition (HD) Audio, Realtek ALC269Q													
Speaker	Two internal stereo speakers (2watt x 2)													
Intel AMT	None													
Security chip	Trusted Platform Module (TPM 1.2-compliant)													
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Power supply	150 watts, autosensing, 85% PSU													
Machine	<i>Model(s) with Non multi-touch, Monitor stand:</i> <ul style="list-style-type: none"> Business black color 20.0" W X 8.9" D X 17.0" H 507mm W X 227mm D X 431mm H (including stand) 18.5 lb (8.4 kg) in maximum configuration Tilt: 25° back, -5° forward; Lift: 110mm; Swivel: +/-45° Support VESA mount (100mm) 										Security <ul style="list-style-type: none"> Security chip (see information on left) Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse USB port disablement Chassis intrusion switch on selected model(s) 			
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										EPEAT™ Gold rating ENERGY STAR® 5.2-compliant TCO Certified Edge Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to O-M72Z sheet; For Lenovo service upgrade options, please go to S-TC sheet			

See footnotes for important warranty information

US models announced Oct 23, 2012, Nov 20, 2012, Jan 22, 2013, Mar 5, 2013, or Mar 12, 2013
 US models withdrawn effective May 2014

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ThinkCentre M72z (3548) - TopSeller (Win 8) - III

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial port	PS/2 port	Stand type	Key-board/Mouse	Global	Preload	Ann date (mm/dd/yy)
3548-H2U	i7-3770S	8GBx1 1600MHz	2.0M	500G 7200	HD 4000	11b/g/n	Media	None	None	None	Monitor	2.4G	None	Win7 Pro64	06/11/13
3548-H3U	i5-3470S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	Media	None	None	None	Monitor	2.4G	None	Win7 Pro64	06/11/13

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Mainstream All-In-One PC for the enterprise</i>											Preloaded operating system²⁰
Processor	Intel® Core™ i5-3470S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD 2500 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i7-3770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), integrated Intel HD 4000 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Implementation	Processor in LGA1155 socket											Ready to install applications (only some listed)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager ● Business-in-a-Box
Graphics	Intel HD Graphics 2500 or Intel HD Graphics 4000 in processor, uses main memory, DirectX® 11, external digital monitor support via DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort)@60Hz</i>											Preloaded applications (only some listed)
DP dongle	None											<ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Automatic Lock Utility ● ThinkVantage Power Manager ● View Management Utility ● Lenovo Solution Center ● Lenovo Message Center Plus ● RapidBoot HDD Accelerator ● Lenovo SimpleTap ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ for Windows ● Windows Live™ Essentials ● Microsoft® Office preloaded; purchase a product key to activate ● Corel® Burn.Now™ (DVD±RW) ● Corel DVD MovieFactory® (DVD±RW) ● InterVideo WinDVD® (DVD, DVD±RW)
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 dynamic contrast ratio											
Multi-touch	None											
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, integrated digital MIC array with stereo, physical switch on/off											
Controls	Front facing buttons for brightness up/auto, brightness down, and power on/off											
Disk	SATA 3.0Gb/s, 3.5" Wide, 7200 rpm											
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable											
Media reader	7-in-1 Single Slot SD media reader											
Chipset	Intel H61 Express Chipset											
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort connector, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)											
Side ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
PCIe Mini Card	One PCI Express® Mini Card slot											
PCIe WLAN	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2											
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter											
Ethernet	One gigabit ethernet port, Realtek® RTL8111E-VB											
Audio	High Definition (HD) Audio, Realtek ALC269Q											
Speaker	Two internal stereo speakers (2watt x 2)											
Intel AMT	None											
Modem	None											
IEEE 1394	None											
Security chip	Trusted Platform Module (TPM 1.2-compliant)											
Keyboard	Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black											
Mouse	Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black											
Power supply	150 watts, autosensing, 85% PSU											
Machine	<i>Model(s) with Non multi-touch, Monitor stand:</i> <ul style="list-style-type: none"> ● Business black color ● 20.0" W X 8.9" D X 17.0" H ● 507mm W X 227mm D X 431mm H (including stand) ● 18.5 lb (8.4 kg) in maximum configuration ● Tilt: 25° back, -5° forward; Lift: 110mm; Swivel: +/-45° ● Support VESA mount (100mm) 											Security <ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● USB port disablement ● Chassis intrusion switch on selected model(s)
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											EPEAT™ Gold rating ENERGY STAR® 5.2-compliant TCO Certified Edge Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to O-M72Z sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
 US models announced June 11, 2013
 US models withdrawn effective May 2014

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 (MTG11-13) May 2014

ThinkCentre M72z (3548) - TopSeller (Win 8) - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial port	PS/2 port	Stand type	Key-board/Mouse Global	Preload	Ann date (mm/dd/yy)
3548-E9U	i3-3220	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	Media	None	None	None	Frame	USB	None	Win7 Pro64 11/20/12
3548-F1U	G645	2GBx1 1600MHz	2.0M	500G 7200	Intel HD	11b/g/n	Media	None	None	None	Frame	USB	None	Win7 Pro64 11/20/12
3548-F3U	G645	2GBx1 1600MHz	2.0M	500G 7200	Intel HD	11b/g/n	Media	None	Serial	None	Frame	USB	None	Win7 Pro64 11/20/12
3548-F6U	G2120	2GBx1 1600MHz	2.0M	500G 7200	Intel HD	11b/g/n	Media	None	None	None	Frame	USB	None	Win7 Pro64 12/04/12
3548-F5U	G2020	2GBx1 1600MHz	2.0M	500G 7200	Intel HD	11b/g/n	Media	None	None	None	Frame	USB	None	Win7 Pro64 01/22/13
3548-F8U	i5-3470S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	Media	None	None	None	Frame	USB	None	Win7 Pro64 03/05/13

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 3-year limited warranty

Positioning Processor	<p><i>Mainstream All-In-One PC for the enterprise</i></p> <p>Intel® Pentium® G645 Processor (2 cores / 2 threads, 2.9GHz, 3MB cache), integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller, Virtualization Technology</p> <p>Intel Pentium G2020 Processor (2 cores / 2 threads, 2.9GHz, 3MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology</p> <p>Intel Pentium G2120 Processor (2 cores / 2 threads, 3.1GHz, 3MB cache), integrated Intel HD Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology</p> <p>Intel Core™ i3-3220 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology</p> <p>Intel Core i5-3470S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD 2500 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology</p>	<p>Preloaded operating system²⁰</p> <p>Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit</p> <p>Ready to install applications (only some listed)</p> <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager • Business-in-a-Box <p>Preloaded applications (only some listed)</p> <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Automatic Lock Utility • ThinkVantage Power Manager • View Management Utility • Lenovo Solution Center • Lenovo Message Center Plus • RapidBoot HDD Accelerator • Lenovo SimpleTap • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Windows Live™ Essentials • Microsoft® Office preloaded; purchase a product key to activate • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW) • InterVideo WinDVD® (DVD, DVD±RW)
Implementation Processor in LGA1155 socket		
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook) <i>System automatically clocks down for processors with 1066MHz or 1333MHz DDR3 memory controller</i>	
Graphics	Intel HD Graphics or Intel HD Graphics 2500 in processor, uses main memory, external digital monitor support via DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort)@60Hz</i>	
DP dongle	None	
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 dynamic contrast ratio	
Multi-touch	None	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, integrated digital MIC array with stereo, physical switch on/off	
Controls	Front facing buttons for brightness up/auto, brightness down, and power on/off	
Disk	Hard Disk Drive / SATA 3.0Gb/s, 3.5" Wide, 7200 rpm	
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable	
Media reader	7-in-1 Single Slot SD media reader	
Chipset	Intel H61 Express Chipset	
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort connector, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)	
Side ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2	
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter	
Ethernet	One gigabit ethernet port, Realtek® RTL8111E-VB	
Audio	High Definition (HD) Audio, Realtek ALC269Q	
Speaker	Two internal stereo speakers (2watt x 2)	
Intel AMT	None	
Security chip	Trusted Platform Module (TPM 1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	150 watts, autosensing, 85% PSU	
Machine	<p><i>Model(s) with Non multi-touch, Frame stand:</i></p> <ul style="list-style-type: none"> • Business black color • 20.0" W X 4.0" D X 16.2" H • 507mm W X 101mm D X 411mm H (including stand) • 14.6 lb (6.6 kg) in maximum configuration • Handle in rear, removable feet • Support VESA mount (100mm) 	<p>EPEAT™ Gold rating</p> <p>ENERGY STAR® 5.2-compliant</p> <p>TCO Certified Edge</p> <p>Cisco EnergyWise compatible</p> <p>GREENGUARD® certified</p> <p>RoHS-compliant</p> <p>Supports ThinkVantage Technologies</p>
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	<p>For compatible accessories, please go to O-M72Z sheet;</p> <p>For Lenovo service upgrade options, please go to S-TC sheet</p>

See footnotes for important warranty information
 US models announced Nov 20, 2012, Dec 4, 2012, Jan 22, 2013, or Mar 5, 2013
 US models withdrawn effective May 2014

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ThinkCentre M72z (3554)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial port	PS/2 port	Stand type	Key-board/Mouse Global	Win7 preload	Ann date (mm/dd/yy)
3554-E2U	i7-3770S	4GBx2 1600MHz	2.0M	500G 7200	HD 4000	11b/g/n	Media	None	None	None	Monitor	USB	None	Pro 64 06/05/12
3554-E3U	i5-3470S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	None	None	None	None	Monitor	USB	None	Pro 64 06/05/12
3554-E4U	i5-3470S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	Media	None	None	None	Monitor	USB	None	Prem 64 06/05/12
3554-E5U	i5-3470S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	None	None	None	None	Frame	USB	None	Pro 64 06/05/12
3554-E6U	i5-3470S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	None	None	None	None	Monitor	USB	None	Prem 32 06/05/12

•3-year limited warranty

Positioning Processor	<i>Mainstream All-In-One PC for the enterprise</i> Intel® Core™ i5-3470S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD 2500 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i7-3770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), integrated Intel HD 4000 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket	Preloaded operating system²⁰ <i>Some:</i> Genuine Windows® 7 Home Premium 32 <i>Some:</i> Genuine Windows® 7 Home Premium 64 <i>Some:</i> Genuine Windows 7 Professional 64
Implementation	Processor in LGA1155 socket	Ready to install applications (only some listed)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)	<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager Business-in-a-Box
Graphics	Intel HD Graphics 2500 or Intel HD Graphics 4000 in processor, uses main memory, DirectX® 11, external digital monitor support via DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort)@60Hz</i>	Preloaded applications (only some listed)
DP dongle	None	<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Automatic Lock Utility ThinkVantage Power Manager View Management Utility Lenovo Solution Center Lenovo Message Center Plus RapidBoot HDD Accelerator Lenovo SimpleTap Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ for Windows Windows Live™ Essentials Microsoft® Office preloaded; purchase a product key to activate Corel® Burn.Now™ (DVD±RW) Corel DVD MovieFactory® (DVD±RW) InterVideo WinDVD® (DVD, DVD±RW)
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 dynamic contrast ratio	
Multi-touch	None	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, integrated digital MIC array with stereo, physical switch on/off	
Controls	Front facing buttons for brightness up/auto, brightness down, and power on/off	
Disk	SATA 3.0Gb/s, 3.5" Wide, 7200 rpm	
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable	
Media reader	<i>Some:</i> 7-in-1 Single Slot SD media reader	
Chipset	Intel H61 Express Chipset	
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort connector, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)	
Side ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2	
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter	
Ethernet	One gigabit ethernet port, Realtek® RTL8111E-VB	
Audio	High Definition (HD) Audio, Realtek ALC269Q	
Speaker	Two internal stereo speakers (2watt x 2)	
Intel AMT	None	
Modem	None	
IEEE 1394	None	
Security chip	Trusted Platform Module (TPM 1.2-compliant)	Security <ul style="list-style-type: none"> Security chip (see information on left) Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse USB port disablement Chassis intrusion switch on selected model(s)
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	150 watts, autosensing, 85% PSU	
Machine	<i>Model(s) with Non multi-touch, Frame stand:</i> <ul style="list-style-type: none"> Business black color 20.0" W X 4.0" D X 16.2" H 507mm W X 101mm D X 411mm H (including stand) 14.6 lb (6.6 kg) in maximum configuration Handle in rear, removable feet Support VESA mount (100mm) <i>Model(s) with Non multi-touch, Monitor stand:</i> <ul style="list-style-type: none"> Business black color 20.0" W X 8.9" D X 17.0" H 507mm W X 227mm D X 431mm H (including stand) 18.5 lb (8.4 kg) in maximum configuration Tilt: 25° back, -5° forward; Lift: 110mm; Swivel: +/-45° Support VESA mount (100mm) 	EPEAT™ Gold rating ENERGY STAR® 5.2-compliant TCO Certified Edge Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	For compatible accessories, please go to O-M72Z sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
US models announced June 5, 2012
US models withdrawn effective May 2014

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(MTG11-2) May 2014

ThinkCentre M72z (3554) - Windows 8

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial port	PS/2 port	Stand type	Key-board/Mouse Global	Preload	Ann date (mm/dd/yy)
3554-H2U	i3-3220	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	None	None	None	None	Monitor	USB	None	Win8 Pro64 10/23/12
3554-H3U	i3-3240	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	Media	None	None	None	Monitor	USB	None	Win8 Pro64 10/23/12
3554-H4U	i5-3470S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	None	None	None	None	Monitor	USB	None	Win8 Pro64 10/23/12
3554-H7U	i5-3570S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	None	None	None	None	Monitor	USB	None	Win8 Pro64 10/23/12
3554-H8U	i7-3770S	4GBx1 1600MHz	2.0M	1TB 7200	HD 4000	11b/g/n	Media	None	None	None	Monitor	USB	None	Win8 Pro64 10/23/12
3554-M9U	i5-3470S	4GBx1 1600MHz	2.0M	180G SSD	HD 2500	11b/g/n	Media	None	None	None	Monitor	USB	None	Win7 Pro64 11/20/12
3554-Q6U	i5-3470S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	Media	None	None	None	Monitor	USB	None	Win7 Pro64 07/09/13

Positioning Processor	<p><i>Mainstream All-In-One PC for the enterprise</i></p> <p>Intel® Core™ i3-3220 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated DDR3 memory controller (up to 1600MHz)</p> <p>Intel Core i3-3240 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated DDR3 memory controller (up to 1600MHz)</p> <p>Intel Core i5-3470S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD 2500 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology</p> <p>Intel Core i5-3570S Processor (4 cores / 4 threads, 3.1GHz, 6MB cache), Turbo Boost 2.0 (3.8GHz), integrated Intel HD 2500 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology</p> <p>Intel Core i7-3770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), integrated Intel HD 4000 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology</p>	<p>Preloaded operating system²⁰</p> <p><i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit</p> <p><i>Some:</i> Windows 8 Pro 64-bit</p> <p>Preloaded applications (only some listed) - Windows 7 models</p> <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage Communication Utility • ThinkVantage Power Manager • Lenovo® Message Center Plus • RapidBoot HDD Accelerator • Lenovo SimpleTap • Adobe® Reader® • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW) • InterVideo WinDVD® (DVD, DVD±RW) <p>- Windows 8 models</p> <ul style="list-style-type: none"> • Lenovo Support • Lenovo Settings • Lenovo Companion • Lenovo Cloud Storage • Norton™ Studio • AccuWeather • Evernote® • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) <p>- All models</p> <ul style="list-style-type: none"> • ThinkVantage System Update • ThinkVantage Automatic lock Utility • Lenovo Solution Center • View Management Utility • Norton Internet Security (30 days of virus definitions) • Microsoft® Office preloaded; purchase a product key to activate • Skype™
Implementation	Processor in LGA1155 socket	
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)	
Graphics	Intel HD Graphics 2500 or Intel HD Graphics 4000 in processor, uses main memory, external digital monitor support via DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort)@60Hz</i>	
DP dongle	None	
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 dynamic contrast ratio	
Multi-touch	None	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, integrated digital MIC array with stereo, physical switch on/off	
Controls	Front facing buttons for brightness up/auto, brightness down, and power on/off	
Disk	<i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 3.5" Wide, 7200 rpm	
Optical Media reader	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable <i>Some:</i> 7-in-1 Single Slot SD media reader	
Chipset	Intel H61 Express Chipset	
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort connector, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)	
Side ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2	
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter	
Ethernet	One gigabit ethernet port, Realtek® RTL8111E-VB	
Audio	High Definition (HD) Audio, Realtek ALC269Q	
Speaker	Two internal stereo speakers (2watt x 2)	
Intel AMT	None	
Modem	None	
IEEE 1394	None	
Security chip	Trusted Platform Module (TPM 1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	150 watts, autosensing, 85% PSU	
Machine	<p><i>Model(s) with Non multi-touch, Monitor stand:</i></p> <ul style="list-style-type: none"> • Business black color • 20.0" W X 8.9" D X 17.0" H • 507mm W X 227mm D X 431mm H (including stand) • 18.5 lb (8.4 kg) in maximum configuration • Tilt: 25° back, -5° forward; Lift: 110mm; Swivel: +/-45° • Support VESA mount (100mm) 	<p>Security</p> <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • <i>Chassis intrusion switch on selected model(s)</i> <p>EPEAT™ Gold rating ENERGY STAR® 5.2-compliant TCO Certified Edge Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant</p> <p>Supports ThinkVantage Technologies</p>
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	<p>For compatible accessories, please go to O-M72Z sheet;</p> <p>For Lenovo service upgrade options, please go to S-TC sheet</p>

See footnotes for important warranty information
US models announced October 23 or November 20, 2012 or July 9, 2013
US models withdrawn effective May 2014

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ThinkCentre M72z (3554) - Windows 8 - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial port	PS/2 port	Stand type	Key-board/Mouse Global	Preload	Ann date (mm/dd/yy)
3554-H1U	i3-3220	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	None	None	None	None	Frame	USB	None	Win8 Pro64 10/23/12
3554-H5U	i5-3470S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	None	None	None	None	Frame	USB	None	Win8 Pro64 10/23/12
3554-H6U	i5-3570S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	None	None	None	None	Frame	USB	None	Win8 Pro64 10/23/12
3554-H9U	i7-3770S	4GBx1 1600MHz	2.0M	1TB 7200	HD 4000	11b/g/n	Media	None	None	None	Frame	USB	None	Win8 Pro64 10/23/12
3554-M7U	i3-3220	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	Media	None	None	None	Frame	USB	None	Win7 Pro64 11/20/12
3554-N1U	G2020	2GBx1 1600MHz	2.0M	500G 7200	Intel HD	11b/g/n	Media	None	None	None	Frame	USB	None	Win7 Pro64 01/22/13

Positioning Processor	<i>Mainstream All-In-One PC for the enterprise</i> Intel® Pentium® G2020 Processor (2 cores / 2 threads, 2.9GHz, 3MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core™ i3-3220 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i5-3470S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD 2500 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i5-3570S Processor (4 cores / 4 threads, 3.1GHz, 6MB cache), Turbo Boost 2.0 (3.8GHz), integrated Intel HD 2500 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i7-3770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), integrated Intel HD 4000 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket	Preloaded operating system²⁰ <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 8 Pro 64-bit Preloaded applications (only some listed) - Windows 7 models <ul style="list-style-type: none">ThinkVantage® Product RecoveryThinkVantage Communication UtilityThinkVantage Power ManagerLenovo® Message Center PlusRapidBoot HDD AcceleratorLenovo SimpleTapAdobe® Reader®Corel® Burn.Now™ (DVD±RW)Corel DVD MovieFactory® (DVD±RW)InterVideo WinDVD® (DVD, DVD±RW) - Windows 8 models <ul style="list-style-type: none">Lenovo SupportLenovo SettingsLenovo CompanionLenovo Cloud StorageNorton™ StudioAccuWeatherEvernote®Cyberlink Power2Go (DVD±RW)Cyberlink PowerProducer (DVD±RW) - All models <ul style="list-style-type: none">ThinkVantage System UpdateThinkVantage Automatic lock UtilityLenovo Solution CenterView Management UtilityNorton Internet Security (30 days of virus definitions)Microsoft® Office preloaded; purchase a product key to activateSkype™
Implementation Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook) <i>System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>	
Graphics	Intel HD Graphics / 2500 / 4000 in processor, uses main memory, external digital monitor support via DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort)@60Hz</i>	
DP dongle	None	
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 dynamic contrast ratio	
Multi-touch	None	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, integrated digital MIC array with stereo, physical switch on/off	
Controls	Front facing buttons for brightness up/auto, brightness down, and power on/off	
Disk	Hard Disk Drive / SATA 3.0Gb/s, 3.5" Wide, 7200 rpm	
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable	
Media reader	<i>Some:</i> 7-in-1 Single Slot SD media reader	
Chipset	Intel H61 Express Chipset	
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort connector, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)	
Side ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2	
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter	
Ethernet	One gigabit ethernet port, Realtek® RTL8111E-VB	
Audio	High Definition (HD) Audio, Realtek ALC269Q	
Speaker	Two internal stereo speakers (2watt x 2)	
Intel AMT	None	
Modem	None	
IEEE 1394	None	
Security chip	Trusted Platform Module (TPM 1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	150 watts, autosensing, 85% PSU	
Machine	<i>Model(s) with Non multi-touch, Frame stand:</i> <ul style="list-style-type: none">Business black color20.0" W X 4.0" D X 16.2" H507mm W X 101mm D X 411mm H (including stand)14.6 lb (6.6 kg) in maximum configurationHandle in rear, removable feetSupport VESA mount (100mm)	Security <ul style="list-style-type: none">Security chip (see information on left)Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis)Power-on passwordAdministrator passwordHard disk passwordBoot sequence controlBoot without keyboard and mouseUSB port disablementChassis intrusion switch on selected model(s) EPEAT™ Gold rating ENERGY STAR® 5.2-compliant TCO Certified Edge Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	For compatible accessories, please go to O-M72Z sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
US models announced October 23, 2012, November 20, 2012, or January 22, 2013
US models withdrawn effective May 2014

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ThinkCentre M72z (3558) - GMP

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial port	PS/2 port	Stand type	Key-board/ Mouse	Global (G) GMP (P)	Win7 preload	Ann date (mm/dd/yy)
3558-A2U	i5-3550S	4GBx1 1600MHz	2.0M	250G 7200	HD 2500	11b/g/n	Media	Switch	None	None	Frame	USB	G P	Pro 64	06/05/12
3558-A4U	i5-3570S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	Media	Switch	None	None	Frame	USB	G P	Pro 64	08/14/12

●Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning Processor	<i>Mainstream All-In-One PC for the enterprise</i> Intel® Core™ i5-3550S Processor (4 cores / 4 threads, 3.0GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), integrated Intel HD 2500 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i5-3570S Processor (4 cores / 4 threads, 3.1GHz, 6MB cache), Turbo Boost 2.0 (3.8GHz), integrated Intel HD 2500 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket	Preloaded operating system²⁰ Genuine Windows® 7 Professional 64 Ready to install applications (only some listed) ● Rescue and Recovery™ ● Password Manager ● Business-in-a-Box
Implementation	Processor in LGA1155 socket	Preloaded applications (only some listed) ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Automatic Lock Utility ● ThinkVantage Power Manager ● View Management Utility ● Lenovo Solution Center ● Lenovo Message Center Plus ● RapidBoot HDD Accelerator ● Lenovo SimpleTap ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ for Windows ● Windows Live™ Essentials ● Microsoft® Office preloaded; purchase a product key to activate ● Corel® Burn.Now™ (DVD±RW) ● Corel DVD MovieFactory® (DVD±RW) ● InterVideo WinDVD® (DVD, DVD±RW)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)	
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, external digital monitor support via DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort)@60Hz</i>	
DP dongle	None	
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 dynamic contrast ratio	
Multi-touch	None	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, integrated digital MIC array with stereo, physical switch on/off	
Controls	Front facing buttons for brightness up/auto, brightness down, and power on/off	
Disk	SATA 3.0Gb/s, 3.5" Wide, 7200 rpm	
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable	
Media reader	7-in-1 Single Slot SD media reader	
Chipset	Intel H61 Express Chipset	
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort connector, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)	
Side ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2	
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter	
Ethernet	One gigabit ethernet port, Realtek® RTL8111E-VB	
Audio	High Definition (HD) Audio, Realtek ALC269Q	
Speaker	Two internal stereo speakers (2watt x 2)	
Intel AMT	None	
Modem	None	
IEEE 1394	None	
Security chip	Trusted Platform Module (TPM 1.2-compliant)	Security ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● USB port disablement ● Chassis intrusion switch on selected model(s)
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo	EPEAT™ Gold rating ENERGY STAR® 5.2-compliant TCO Certified Edge Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	For compatible accessories, please go to O-M72Z sheet;
Power supply	150 watts, autosensing, 85% PSU	For Lenovo service upgrade options, please go to S-TC sheet
Machine	<i>Model(s) with Non multi-touch, Frame stand:</i> ● Business black color ● 20.0" W X 4.0" D X 16.2" H ● 507mm W X 101mm D X 411mm H (including stand) ● 14.6 lb (6.6 kg) in maximum configuration ● Handle in rear, removable feet ● Support VESA mount (100mm)	
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	

See footnotes for important warranty information
US models announced June 5 or August 14, 2012
US models withdrawn effective May 2014

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ThinkCentre M72z (3558) - GMP (Thin Client)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	Camera (mega-pixel)	Disk SATA GB rpm	SATA optical	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial port	PS/2 port	Stand type	Key-board/Mouse	Global (G) GMP (P)	Win7 preload (mm/dd/yy)	Ann date
3558-A5U	G460	2GBx1 1600MHz	None	8G SSD None	None	Intel HD	11b/g/n	None	Switch	Serial	None	Frame	USB	G P	Emb 32	11/20/12
3558-A7U	G465	2GBx1 1600MHz	None	8G SSD None	None	Intel HD	11b/g/n	None	Switch	Serial	None	Frame	USB	G P	Emb 32	01/08/13
3558-A8U	G470	2GBx1 1600MHz	None	8G SSD None	None	Intel HD	11b/g/n	None	Switch	Serial	None	Frame	USB	G P	Emb 32	06/11/13

●Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning Processor	<i>Mainstream All-In-One PC for the enterprise</i> Intel® Celeron® G460 Processor (1 core / 2 threads, 1.8GHz, 1.5MB cache), integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller Intel Celeron G465 Processor (1 core / 2 threads, 1.9GHz, 1.5MB cache), integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller Intel Celeron G470 Processor (1 core / 2 threads, 2.0GHz, 1.5MB cache), integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller											Preloaded operating system²⁰ Genuine Windows® 7 Embedded 32 Preloaded applications (only some listed) <ul style="list-style-type: none"> ● Adobe® Reader® ● Adobe Flash® Player ● Citrix® Receiver ● IIS Web Server ● Microsoft® Management Console ● Microsoft Silverlight ● Remote Desktop Protocol ● ThinPrint .print Client ● TightVNC Viewer ● VMware® View Client ● vWorkspace ● Windows Media Player 				
Implementation	Processor in LGA1155 socket															
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook) <i>System automatically clocks down for processors with 1066MHz DDR3 memory controller</i>															
Graphics	Intel HD Graphics in processor, uses main memory, HDCP, DirectX® 10.1, external digital monitor support via DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort) @60Hz</i>															
DP dongle	None															
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 dynamic contrast ratio															
Multi-touch	None															
Camera	None															
Controls	Front facing buttons for brightness up/auto, brightness down, and power on/off															
Disk	Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" Wide															
Optical	None															
Media reader	None															
Chipset	Intel H61 Express Chipset															
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort connector, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)															
Side ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)															
PCIe Mini Card	One PCI Express® Mini Card slot															
PCIe WLAN	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2															
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter															
Ethernet	One gigabit ethernet port, Realtek® RTL8111E-VB															
Audio	High Definition (HD) Audio, Realtek ALC269Q															
Speaker	Two internal stereo speakers (2watt x 2)															
Intel AMT	None															
Modem	None															
IEEE 1394	None															
Security chip	Trusted Platform Module (TPM 1.2-compliant)											Security <ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● USB port disablement ● <i>Chassis intrusion switch on selected model(s)</i> 				
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo															
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo															
Power supply	150 watts, autosensing, 85% PSU															
Machine	<i>Model(s) with Non multi-touch, Frame stand:</i> <ul style="list-style-type: none"> ● Business black color ● 20.0" W X 4.0" D X 16.2" H ● 507mm W X 101mm D X 411mm H (including stand) ● 14.6 lb (6.6 kg) in maximum configuration ● Handle in rear, removable feet ● Support VESA mount (100mm) 											EPEAT™ Gold rating ENERGY STAR® 5.2-compliant TCO Certified Edge Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant				
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to O-M72Z sheet; For Lenovo service upgrade options, please go to S-TC sheet				

See footnotes for important warranty information
US models announced November 20, 2012 or January 8 or June 11, 2013
US models withdrawn effective May 2014

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ThinkCentre M72z (3558) - GMP (Win 8)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card	Media reader	Chassis intrusion switch	Serial port	PS/2 port	Stand type	Key-board/ Global (G) GMP (P)	Preload	Ann date (mm/dd/yy)	
3558-A3U	i5-3470S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	Media	Switch	None	None	Frame	USB	G P	Win8 Pro64	10/23/12
3558-A6U	i5-3470S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	Media	None	None	None	Frame	USB	G P	Win7 Pro64	10/23/12

●Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning Processor	<i>Mainstream All-In-One PC for the enterprise</i>											Preloaded operating system²⁰		
Implementation	Intel® Core™ i5-3470S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD 2500 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket											Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 8 Pro 64-bit		
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											Preloaded applications (only some listed)		
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, external digital monitor support via DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort)@60Hz</i>											- Windows 7 models		
DP dongle	None											<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage Communication Utility ThinkVantage Power Manager Lenovo® Message Center Plus RapidBoot HDD Accelerator Lenovo SimpleTap Adobe® Reader® Corel® Burn.Now™ (DVD±RW) Corel DVD MovieFactory® (DVD±RW) InterVideo WinDVD® (DVD, DVD±RW) 		
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 dynamic contrast ratio											- Windows 8 models		
Multi-touch	None											<ul style="list-style-type: none"> Lenovo Support Lenovo Settings Lenovo Companion Lenovo Cloud Storage Norton™ Studio AccuWeather Evernote® Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) 		
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, integrated digital MIC array with stereo, physical switch on/off											- All models		
Controls	Front facing buttons for brightness up/auto, brightness down, and power on/off											<ul style="list-style-type: none"> ThinkVantage System Update ThinkVantage Automatic lock Utility Lenovo Solution Center View Management Utility Norton Internet Security (30 days of virus definitions) Microsoft® Office preloaded; purchase a product key to activate Skype™ 		
Disk	SATA 3.0Gb/s, 3.5" Wide, 7200 rpm													
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable													
Media reader	7-in-1 Single Slot SD media reader													
Chipset	Intel H61 Express Chipset													
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort connector, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)													
Side ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
PCIe Mini Card	One PCI Express® Mini Card slot													
PCIe WLAN	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2													
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter													
Ethernet	One gigabit ethernet port, Realtek® RTL8111E-VB													
Audio	High Definition (HD) Audio, Realtek ALC269Q													
Speaker	Two internal stereo speakers (2watt x 2)													
Intel AMT	None													
Modem	None													
IEEE 1394	None													
Security chip	Trusted Platform Module (TPM 1.2-compliant)													
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Power supply	150 watts, autosensing, 85% PSU													
Machine	<i>Model(s) with Non multi-touch, Frame stand:</i> <ul style="list-style-type: none"> Business black color 20.0" W X 4.0" D X 16.2" H 507mm W X 101mm D X 411mm H (including stand) 14.6 lb (6.6 kg) in maximum configuration Handle in rear, removable feet Support VESA mount (100mm) 											Security <ul style="list-style-type: none"> Security chip (see information on left) Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse USB port disablement Chassis intrusion switch on selected model(s) 		
												EPEAT™ Gold rating ENERGY STAR® 5.2-compliant TCO Certified Edge Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant		
												Supports ThinkVantage Technologies		
												For compatible accessories, please go to O-M72Z sheet; For Lenovo service upgrade options, please go to S-TC sheet		
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available													

See footnotes for important warranty information
US models announced October 23, 2012
US models withdrawn effective May 2014

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ThinkCentre M72z (3538) - Multi-touch (GMP)

Personal Systems Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial port	PS/2 port	Stand type	Key-board/ Mouse	Global (G) GMP (P)	Win7 preload	Ann date (mm/dd/yy)
3538-A2U	i5-3550S	4GBx1 1600MHz	2.0M	250G 7200	HD 2500	11b/g/n	Media	Switch	None	None	Frame	USB	G P	Pro 64	06/05/12
3538-A3U	i5-3570S	4GBx1 1600MHz	2.0M	500G 7200	HD 2500	11b/g/n	Media	Switch	None	None	Frame	USB	G P	Pro 64	08/14/12

- Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty
- Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	<i>Mainstream All-In-One PC for the enterprise</i> Intel® Core™ i5-3550S Processor (4 cores / 4 threads, 3.0GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), integrated Intel HD 2500 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i5-3570S Processor (4 cores / 4 threads, 3.1GHz, 6MB cache), Turbo Boost 2.0 (3.8GHz), integrated Intel HD 2500 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket										Preloaded operating system²⁰ Genuine Windows® 7 Professional 64 Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager • Business-in-a-Box 				
Implementation	Processor in LGA1155 socket										Preloaded applications (only some listed) <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Automatic Lock Utility • ThinkVantage Power Manager • View Management Utility • Microsoft Touch Pack • Lenovo Solution Center • Lenovo Message Center Plus • RapidBoot HDD Accelerator • Lenovo SimpleTap • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Windows Live™ Essentials • Microsoft Office 2010 preloaded; purchase product key to activate • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW) • InterVideo WinDVD® (DVD, DVD±RW) 				
Memory	8GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)														
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, external digital monitor support via DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort)@60Hz</i>														
DP dongle	None														
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 dynamic contrast ratio														
Multi-touch	Multi-touch, 2-point support														
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, integrated digital MIC array with stereo, physical switch on/off														
Controls	Front facing buttons for brightness up/auto, brightness down, and power on/off														
Disk	SATA 3.0Gb/s, 3.5" Wide, 7200 rpm														
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable														
Media reader	7-in-1 Single Slot SD media reader														
Chipset	Intel H61 Express Chipset														
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort connector, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)														
Side ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
PCIe Mini Card	One PCI Express® Mini Card slot														
PCIe WLAN	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2														
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter														
Ethernet	One gigabit ethernet port, Realtek® RTL8111E-VB														
Audio	High Definition (HD) Audio, Realtek ALC269Q														
Speaker	Two internal stereo speakers (2watt x 2)														
Intel AMT	None														
Modem	None														
IEEE 1394	None														
Security chip	Trusted Platform Module (TPM 1.2-compliant)														
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Power supply	150 watts, autosensing, 85% PSU														
Machine	<i>Model(s) with multi-touch, Frame stand:</i> <ul style="list-style-type: none"> • Business black color • 20.0" W X 4.2" D X 16.2" H • 507mm W X 107mm D X 411mm H (including stand) • 17.5 lb (7.9 kg) in maximum configuration • Handle in rear, removable feet • Support VESA mount (100mm) 										Security <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • Chassis intrusion switch on selected model(s) 				
											EPEAT™ Gold rating ENERGY STAR® 5.2-compliant TCO Certified Edge Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies				
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										For compatible accessories, please go to O-M72Z sheet; For Lenovo service upgrade options, please go to S-TC sheet				

See footnotes for important warranty information
US models announced June 5 or August 14, 2012
US models withdrawn effective September 2012

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Memory

2GB PC3-12800 DDR3 SODIMM	0A65722	ann 06/05/12
4GB PC3-12800 DDR3 SODIMM	0A65723	ann 06/05/12
8GB PC3-12800 DDR3 SODIMM	0A65724	ann 06/05/12

More information at

www.lenovo.com/support/desktopmemorycompatibility

Storage and removable storage

500GB SATA 3.0Gb/s Disk (7200 rpm)	43R1990	ann 11/06/07
1TB SATA 3.0Gb/s Disk (7200 rpm)	45J7918	ann 08/19/08
USB 2.0 Portable 500GB Hard Disk	45K1690	ann 05/26/09
USB 3.0 Secure 500GB Hard Drive	0A65619	ann 11/29/11
USB 3.0 Secure 750GB Hard Drive	0A65616	ann 11/29/11
USB 3.0 Secure 1TB Hard Drive	0A65621	ann 08/28/12
Slim USB Portable DVD Burner	0A33988	ann 06/14/11

Keyboard

Preferred Pro USB Keyboard	73P5220	ann 06/21/05
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04
Ultraslim Plus Wireless Keyboard and Mouse ⁵²	0A34032	ann 04/05/11
ThinkPad [®] USB Keyboard with TrackPoint	55Y9003	ann 08/18/09
Lenovo [®] USB Fingerprint Keyboard	73P4730	ann 02/22/05
Lenovo USB Smartcard Keyboard	51J0155	ann 03/24/09

⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.

More information at www.lenovo.com/support/keyboards

Mouse

Lenovo Optical Mouse (USB)	06P4069	ann 05/21/03
Lenovo ScrollPoint [®] Mouse (USB, Optical)	31P7405	ann 08/27/02
ThinkPad Travel Mouse (USB, Optical)	31P7410	ann 06/04/02
Lenovo Laser Mouse (USB)	41U3074	ann 01/23/07
Lenovo Wireless Laser Mouse ⁵²	0A36188	ann 12/20/11
ThinkPad USB Laser Mouse	57Y4635	ann 12/15/09

More information at www.lenovo.com/support/mice

Modem

USB 2.0 Lenovo Modem	43R1814	ann 02/26/08
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Multimedia

ThinkPad In-Ear Headphones with mic	57Y4488	ann 01/07/10
Lenovo Mini Speakers M220	55Y2033	ann 01/07/10
Lenovo Speakers M0520 (black)	57Y6360	ann 02/08/11
Lenovo Speakers M0520 (red)	57Y6361	ann 02/08/11
Lenovo Headset P550	55Y2065	
Lenovo Headset P950 (black)	57Y6605	ann 02/08/11

Security

Kensington [®] MicroSaver [®] Cable Lock ⁵⁶	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock ⁵⁶	45K1620	ann 09/30/08
Lenovo Security Cable Lock ⁵⁶	57Y4303	ann 08/24/10
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06

⁵⁶ Attaching to any form factor not only secures the ThinkCentre to the work area, but it also prevents users from opening the chassis itself.

Monitors

ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) ⁶⁹	2448MB6	ann 09/13/11
ThinkVision L2251x Wide 22" (VGA, DP)	2578HB6	ann 10/20/09
ThinkVision LT2323p Wide 23" (VGA, DP, DVI-D) ⁶⁹	3024HC1	ann 05/01/12

⁶⁹ DisplayPort cable is not included; use optional DisplayPort to DisplayPort Monitor Cable (0A36537).

More information at www.lenovo.com/support/monitors

Monitor Accessories⁴⁶

Lenovo USB 3.0 to DVI/VGA Monitor Adapter	0B47072	ann 08/14/12
DisplayPort [™] to Single-link DVI-D Cable	45J7915	ann 08/05/08
DisplayPort to VGA Monitor Cable	57Y4393	ann 08/04/09
DisplayPort to DisplayPort Monitor Cable	0A36537	ann 09/13/11
Kensington MicroSaver Cable Lock ⁵⁶	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock ⁵⁶	45K1620	ann 09/30/08
Lenovo Security Cable Lock ⁵⁶	57Y4303	ann 08/24/10
ThinkCentre Extend Arm ⁷⁰	57Y4352	ann 07/06/10

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.

⁷⁰ Desk Mount only.

More information at www.lenovo.com/support/monitoraccessories

For more information on accessories:

www.lenovo.com/accessories

Purchase Lenovo accessories

www.lenovo.com/support/accessories

Product specifications on Lenovo Support

www.lenovo.com/accessoriesguide

Option Compatibility Matrix (OCM) and accessory brochures

www.lenovoquickpick.com

An Options Compatibility Configurator for Lenovo systems