Data Sheet

We make sure

FUJITSU SIEMENS COMPUTERS

AMILO Notebook Pi 3625
The perfect all-round notebook

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Pages 6

The AMILO Notebook P Series combines versatile performance, great technology and a fascinating design.

Processor technology
■ Latest Intel® Centrino® 2 processor technology[1] (optional) for high-definition digital entertainment experience, blistering performance, longer-lasting battery life and the new wireless standard for connectivity

Operating System
■ Windows Vista® Home Premium

Entertainment and Multimedia
■ The integrated AMILOcam with low-light technology for great video-quality even in low-light conditions and the built-in array microphone are perfect for Internet telephony (VoIP) and video chats
■ 17-inch LCD WXGA+ display with BrilliantView technology for vivid colors, amazing sharpness and impressive contrast
■ Enjoy your favorite Hollywood blockbuster on an external display via DVI-I (with HDCP support)

More convenience thanks to
■ The spill-proof keyboard[2] that protects your notebook against accidentally spilt liquids
■ The silent mode function that causes a noticeable reduction in fan noise
■ The built-in DVD drive to store and secure data comfortably on the move

Options
■ Great storage capacity with up to two hard disk drives for all your videos, pictures and music files

Model: Reveal white

Model: Eclipse black

Green IT

Fujitsu recommends Windows Vista® Home Premium

Operating system and Recovery

Operating system	Genuine Windows Vista® Home Premium (32-bit version)
Fujitsu Recovery Program	Backup and restore the original status of the hard disk and create system restore disks
	or individual recovery media on CD or DVD are included

Product design

Color	Reveal white or eclipse black

Architecture

System architecture	Intel® Centrino® 2 processor technology (optional)[1]
Chipset	Intel® GM45 + ICH9M

Processors[3]

Intel® Core™2 Duo processor	P7350 (2.0 GHz, 1066MHz FSB, 3 MB L2 cache)
	P7450 (2.13 GHz, 1066 MHz FSB, 3 MB L2 cache)
	P8400 (2.26 GHz, 1066MHz FSB, 3 MB L2 cache)
	P8600 (2.4 GHz, 1066MHz FSB, 3 MB L2 cache)
	T5800 (2.0 GHz, 800 MHz FSB, 2 MB L2 cache)
	T5900 (2.2 GHz, 800 MHz FSB, 2 MB L2 cache)
	T6400 (2.0 GHz, 800 MHz FSB, 2 MB L2 cache)
	T6600 (2.2 GHz, 800 MHz FSB, 2 MB L2 cache)
Intel® Pentium® processor	T3200 (2.0 GHz, 667 MHz FSB, 1 MB L2 cache, dual-core)
	T3400 (2.16 GHz, 667 MHz FSB, 1 MB L2 cache, dual-core)

Memory　　　　　　　　　　　　　2 SO-DIMM memory slots (no memory on board)

Memory speed	800 MHz
Memory type	DDR2 RAM
Memory modules	1024 or 2048 MB
Max. memory size[3, 4]	4096 MB

Flash Memory[3] (optional)

Flash memory type	Intel® Turbo Memory
Flash memory size	2 GB or 4 GB
Flash memory hardware	Mini card

Drives
Hard disk drive

HDD type	SATA
HDD size	2.5-inch
HDD speed	5400 rpm
HDD cache	8 MB
HDD capacity[3]	160, 250, 320 or 500 GB with single HDD;
	500 (2x 250), 640 (2x 320) or 1000 (2x 500) GB with dual HDD

Optical disc drive (built-in)

ODD type	SATA
ODD technology	SuperMulti-format DVD burner with double layer (DL) support
ODD read speed	CD-ROM 24x, DVD-ROM 8x
ODD write speed	CD-R 24x, CD-RW 16x, DVD+R 8x, DVD-R 8x, DVD+RW 8x, DVD-RW 6x, DVD+R DL (8.5 GB) 6x, DVD-R DL (8.5 GB) 6x, DVD-RAM 5x

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Display

Display type	BrilliantView LCD
Aspect ratio	16:10
Display size	17-inch
Display resolution (intern)	1440 x 900 pixels
Display resolution (extern)	1920 x 1200 pixels
Resolution type	WXGA+
Reaction time	16 ms
Brightness (typ.)	190 NIT
Contrast (typ.)	400 : 1
Compliance with standards	ISO 13406-2 class II

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Graphics	
Dedicated graphics (full name)	-
Dedicated video memory	-
Onboard graphics chip	Mobile Intel® Graphics Media Accelerator 4500MHD
Shared video memory[5]	Up to 1292 MB shared memory
3D Benchmark 2006	Up to 800 points (depending on configuration)
Graphic features	■ DirectX® 10 support
	■ Supporting full HD video experience

Interfaces	
Video	1x DVI-I (incl. HDCP support)
Audio	1x line in, 1x microphone in, 1x line out / headphone out combined with S/PDIF out
Network	1x LAN (RJ-45)
Data	1x eSATA combined with USB, 3x USB 2.0
	1x ExpressCard slot (54 / 34 mm)
	1x 15-in-1 card reader[6]
	SD, miniSD, MicroSD, SDHC
	MS, MS-Duo
	MMC, RS-MMC, MMC-Micro
	MSPRO, MS-PRO Duo, MS-Pro HG, MS-Pro HG Duo, M2
	xD picture card
Power supply	1x DC-in

Communication	
LAN (Local Area Network)	Gigabit Ethernet (10 / 100 / 1000 Mbps)
Built-in WLAN (Wireless Local Area Network)	yes
WLAN brand name	Intel® WiFi Link 5100 AGN
WLAN type	draft-n 802.11a/g/n
WLAN max. data rate	Up to 300 Mbps
WLAN encryption	WEP, WPA and WPA2
For use in	BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY

Option[3]**:**	
WLAN brand name	-
WLAN type	802.11b/g
WLAN max. data rate	Up to 54 Mbps
WLAN encryption	WEP, WPA and WPA2
For use in	BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY

Multimedia	
Audio	Support of high-definition audio for S/PDIF output with up to 7.1 channels
Audio chip	Realtek ALC662
Speakers	2x built-in speakers (1.5 W each)
Microphone	Built-in array microphone
Subwoofer	-
Input device	Sound volume via function key

AMILOcam	
Image sensor	VGA webcam
Frames per second	30[7]
Features	■ Auto focus
	■ Automatic brightness adjustment with status LED (blue: on, red: streaming / application on)
	■ Low-light technology for great video-quality even in dark surrounding

Fujitsu recommends Windows Vista® Home Premium

Input devices / Control buttons	
Power button	Located left of the keyboard, back-lighted
Keyboard	Spill-proof keyboard[2] with 85 keys, 21 key number block
Touchpad	Hidden touchpad, with left and right mouse button, touchpad disable function via function key combination (Fn+F6)
Multimedia keys	Located on top of the keyboard to launch the following applications: - Silent mode (reduce noise level / fan speed, by reducing the CPU performance, office applications, Internet and DVD playback are not affected) - DVD playback - Internet browser
Hot keys	The following hot keys or key combinations are available - Fn+F1 — WLAN on / off - Fn+F3 — Mute on / off - Fn+F4 — Volume down - Fn+F5 — Volume up - Fn+F6 — Touchpad on / off - Fn+F7 — AMILOcam on / off - Fn+F8 — Brightness down - Fn+F9 — Brightness up - Fn+F10 — Display switch - Fn+F11 — Silent mode - Fn+F12 — Suspend Number block 4 individually configurable quick-start application buttons (A1, A2, A3, A4)
Status indicators	The notebook has 3 status icons: - Power status (& suspend) Blue (always on): on; Blue blinking: stand by; None: off - WLAN Blue: on; None: off - Battery charge Blue (always on): full; Blue blinking: charging; Red blinking: < 10 % capacity
Security	
Supervisor and user password	Yes
Kensington lock	Yes
Lid switch (hidden)	Yes
ACPI functions	ACPI 3.0 compliant for Vista requirement - Power on stand by (S1 LCD off) - Stand by / energy saving mode (S3 save to RAM) - Hibernate mode (S4 save to disk) - Off mode (S5 soft off)

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Power System	
Battery[8]	
Battery type[3]	Lithium-Ion battery
	6 cells, 11.1 V / 2200 mAh (cell) / 4400 mAh (pack) or
	8 cells, 14.8 V / 2400 mAh (cell) / 4800 mAh (pack)
Battery life (idle mode)[9]	Up to 6.4 hours (with 8-cell battery)
	Up to 4.0 hours (with 6-cell battery)
Battery life (DVD playback)[10]	Up to 4.2 hours (with 8-cell battery)
	Up to 3.0 hours (with 6-cell battery)
Battery charging time (idle mode)[11]	Up to 2.0 hours (with 8-cell battery)
	Up to 1.75 hours (with 6-cell battery)
Battery charging time (maximum active mode)[12]	Up to 2.8 hours (with 8-cell battery)
	Up to 2.4 hours (with 6-cell battery)
Battery charging time (normal use)[13]	Up to 2.2 hours (with 8-cell battery)
	Up to 1.8 hours (with 6-cell battery)
Battery charging time (off mode)	Up to 2.0 hours (with 8-cell battery)
	Up to 1.75 hours (with 6-cell battery)
AC Adapter	Dynamic charge supported, ACPI 3.0 supported
Wide Range AC adapter	100 - 240 V AC, 50 - 60 Hz
Output	65 W with 20 V DC, 3.25 A
Energy consumption	
S0 (idle mode)	12.55 W
S0 (max. active mode)[14]	31.20 W
S3 (stand by / energy saving mode)	1.65 W
S4 (hibernate)	0.65 W
S5 (off mode)	0.64 W
Noise emission	
Idle mode[15]	27.8 dB(A) (silent mode off)
Maximum active mode[16]	31.2 dB(A) (ODD load, silent mode off)
Operating conditions	
Operational	5 °C to 35 °C (ambient temperature)
	10 % to 90 % relative humidity, non-condensing
Dimensions and weight	
W x D x H	400 x 302.5 x 29.0 (front) / 47.0 (back) mm
Weight	3.6 kg[17]
Certifications	GOST (WLAN)
	CE Marking
	R&TTE (WLAN)
Warranty	Country specific terms
Application Software	
Home office	Microsoft® Works
	Microsoft® Office Home and Student Trial
	Adobe Reader
	Windows Mail (within Vista operating system)
	Windows Calendar (within Vista operating system)
Multimedia	Nero Essentials S (CD / DVD write software)
	Vista DVD Playback Pack (DVD playback software)
	Windows Media Player (within Vista operating system)
	Windows Media Center (within Windows Vista® Home Premium operating system)
Internet	Microsoft® Internet Explorer
	Country specific Internet provider
Security	Norman security software solution

Fujitsu recommends Windows Vista® Home Premium

Accessories

Included	AC adapter 65 W First Battery 6 or 8 cells
Optional	Find out more: ts.fujitsu.com/accessories
Manuals	Manual (on hard disk), quick start guide, safety guide, warranty guide, recovery guide
Drivers	Updates downloadable at http://ts.fujitsu.com

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[1] The processor technology depends on the actually installed processor.

[2] DISCLAIMER: The keyboard is spill-proof up to 50ml. This is enough to protect your notebook from an accidental spill. However, we recommend a backup as well as a system shut-down should liquids come into contact with the keyboard. The spill-proof protection does not prevent data loss caused by water damage. If this should happen, please contact your local customer service desk.

[3] Depending on exact configuration. Please check at your local retailer

[4] DISCLAIMER: Up to 1 GB may not be available with 32-bit operating systems due to system resource requirements if system is preinstalled with 4096 MB RAM

[5] Shared video memory size may vary depending on configuration. Used video memory size depends on Microsoft® Windows Vista® memory management
- 1024 MB system memory enables up to 268 MB static and shared memory
- 2048 MB system memory enables up to 779 MB static and shared memory
- 3072 MB system memory enables up to 1292 MB static and shared memory
- 4096 MB system memory enables up to 1292 MB static and shared memory

[6] An adapter is needed for the following card formats: RS-MMC, MMC-Micro, miniSD, MicroSD, SDHC, MS-Duo, MS-PRO Duo, MS-Pro HG, MS-Pro HG Duo, M2

[7] AMILOcam frame rate can vary significantly depending on the used software application

[8] DISCLAIMER: Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage. The recharge capacity may decrease after some months so that the battery lifetime as well as operating time can not be assured for the whole lifetime of the notebook

[9] Tested with Battery Mark 4.0.1 ("power saver mode")

[10] DVD playback tested with Windows Media Player

[11] Tested with BatteryMon

[12] Tested with 3DMark 2003

[13] Tested with Vista DVD playback

[14] Tested with 3DMark 2006

[15] Tested according to ISO 7779 and ISO 9296

[16] Tested according to ISO 7779 and ISO 9296

[17] Weight may vary depending on actual configuration

The configuration described in this document is generic only and non-binding. For the exact configuration of your AMILO, please contact your licensed dealer.

Company stamp