HP MultiSeat Computing Solution – HP Solution Brief

Exceptionally Simple Technology for SMB challenges

Supply more user stations without exhausting your budget. HP MultiSeat delivers the ultimate PC sharing solution by leveraging the capacity of one computer to yield fully independent PC experiences for up to 15 employees[1] — each with their own session, monitor, keyboard and mouse. And now, the HP t200 Zero Client for MultiSeat allows USB or 10/100/1000 MB Ethernet Port connectivity — an IT liberation and industry first. Employees can also save files on multiple USB thumb drives with four additional USB ports[2] on every HP t200 Zero Client for MultiSeat, for convenient file access outside the office.

Inspired efficiency
With HP MultiSeat, even non-technical staff can easily set-up, manage and navigate usage. Add computing seats with the simple plug-n-play USB connectivity — no need for networking or to open the PC. The entire HP solution comes fully configured for your convenience, including the newly designed USB keyboard and USB mouse. And with just one PC to manage for every 15+ employees, you won't be overextending your existing IT infrastructure.

Do more on less
Enjoy a clutter-free work environment with fewer plugs and more unoccupied outlets. HP Zero Clients for MultiSeat mount to the back of most monitors. When paired with the 18-inch diagonal HP LE1851wt Monitor, the HP t150 and HP t200 Zero Client easily connect into the display's power-pass-through port to create a streamlined "all-in-two" computing solution that requires just one power plug per station. Just connect the HP t150 or HP t200 into the monitor, and the HP Compaq MultiSeat ms6200 Desktop for a simple, out-of-the-box solution[3].

More affordable, responsible computing
The HP MultiSeat computing solution reduces the total number of physical PCs in your environment, which also reduces the time and complexity of PC deployment, management, maintenance and upgrades. Also, help reduce your impact on the environment by reducing energy consumption up to 80% over individual desktops. Each solid-state HP t150 and HP t200 Zero Client for MultiSeat uses as little as 3 watts, and can reduce environmental heat and noise by up to 90% over traditional HP PC environments.

Comprehensive solutions
Trust industry leaders HP and Microsoft when it comes to delivering rich, personal computing experiences. Powered by a single, reliable HP Compaq MultiSeat ms6200 Series Desktop with Windows® MultiPoint™ Server 2011, the HP MultiSeat system is a complete PC-sharing solution and is fully licensed and supported by Microsoft Compatibility with the latest OS, security patches and updates.

HP MultiSeat is ideal for those looking for a simple, flexible, low cost-per-seat computing solution:

- Leverage excess capacity of one PC to deliver a fully supported Windows® experience for to up to 15 users
- Works well in both cluster and networked environments
- Quick and simple deployment with plug-and-play USB connectivity
- Helps reduce energy costs, environmental heat and noise

HP Compaq MultiSeat ms6200 Desktop

HP t150 or t200 Zero Client for MultiSeat

HP LE1851wt Monitor with HP t200 mounted

HP USB keyboard and optical scroll mouse

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Solution Components

HP t150 or t200 Zero Client for MultiSeat	HP Compaq MultiSeat ms6200 Desktop	HP LE1851wt 18.5-inch Widescreen LCD Monitor	Windows® MultiPoint™ Server 2011	Options and accessories
Plugs into host PC via Ethernet or USB, Microsoft MultiPoint Client Access License (CAL) included.	Available with Intel processors; Pre-installed Windows® MultiPoint™ Server 2011.	The power pass-through feature means you only need one power plug per station.	Microsoft software for shared resource computing, providing a familiar Windows® experience to each user.	Get reliable HP PS/2 or USB keyboards and mice, HP LCD monitors, 3/5-mm headsets, and speakers for a total solution.

Type	Component	Description
HP MultiSeat Desktops Essential Configurations (suggested up to 5 users)	HP Compaq MultiSeat ms6200 Desktop (small form factor)	Intel® Core™ i5[5], Intel® Q65 Express chipset; 4 GB[6] DDR3 (1333 MHz) memory and 250 GB[7] SATA 6.0Gb/s hard drive. Choose BM458AW Standard OEM Edition (includes Microsoft Windows® MultiPoint™ Server 2011 Certificate of Authenticity COA)
Extended Configurations (up to 15 users; suggested up to 6 users for Multi-media environments)	HP Compaq MultiSeat ms6200 Desktop (small form factor)	Intel® Core™ i7[5], Intel® Q65 Express chipset; 8 GB[6] DDR3 (1333 MHz) memory and 500 GB[7] SATA 6.0Gb/s hard drive. Choose BM459AW Standard OEM Edition (includes Microsoft Windows® MultiPoint™ Server 2011 Certificate of Authenticity COA)
HP Zero Clients for MultiSeat	HP t200 Zero Client for MultiSeat	Ethernet Port or USB Type B connection to host; 4 USB 2.0, audio in/out and VGA monitor ports; optional external power supply; QV552AA (includes Microsoft Windows® MultiPoint™ Server Client Access License CAL); QV555AA (does not include Microsoft CAL)
	HP t150 Zero Client for MultiSeat	USB Type B cable included for easy connection to host; 2 USB 2.0, PS/2, audio in/out and VGA monitor ports; optional external power supply; QM176AA (includes Microsoft Windows® MultiPoint™ Server Client Access License CAL); QM177AA (does not include Microsoft CAL)
Additional options	HP Compaq LE1851wt 18.5-inch Widescreen LCD Monitor	The HP Compaq LE1851wt 18-inch Widescreen LCD Monitor is the only HP monitor that can supply power to the HP t150 and t200 Zero Clients for MultiSeat.
	HP Care Pack Services	HP Care Pack Services extend service contracts beyond the standard warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at www.hp.com/go/lookuptool.[8]
How to buy	HP MultiSeat Solution — www.hp.com/go/multiseat	
	HP Zero Clients — www.hp.com/go/thincomputing	

	Number of Users**													
t100 or t150 Solution	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Host PC version	Essential Core i5/4 GB configuration			Extended Core i7/8 GB configuration										
Qty of t100s or t150s	1	2	3	4	5	6	7	8	9					
Qty of Monitors	2	3	4	5	6	7	8	9	10					
Qty of PS2 Keyboards/Mice	1	2	3	4	5	6	7	8	9					
t200 Solution														
Host PC version	Essential Core i5/4 GB configuration								Extended Core i7/8 GB configuration					
Qty of t200s	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Qty of Monitors	2	3	4	5	6	7	8	9	10	11	12	13	14	15
USB Keyboards/Mice	Included													

1. Up to 15 users are supported with additional hardware. Number of users supported and performance will vary with hardware, application(s) and environment. Test your applications to determine an appropriate number of users per host PC. 2. Data on USB devices is accessible by all users of the shared host system when using Windows MultiPoint Server 2010. Data on USB devices is private (accessible only to the individual t150 station) when using Windows MultiPoint Server 2011. 3. The HP t150 and HP t200 will not operate on the same host PC. 4. Optional external power adapter required on the HP MultiSeat t150 when using high-powered USB devices. 5. Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. 64-bit computing on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers, and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance. 6. Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements. 7. For hard drive, GB = 1 billion bytes; TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16GB (for Windows 7) of system disc is reserved for system recovery software. 8. Service levels and response times for HP Care Pack Services may vary depending on geographic location. Restrictions and limitations apply. Service starts at date of hardware purchase. For details, visit www.hp.com/go/carepack. ** If using the Ethernet to connect to the host, power is required by purchasing the power adapter or by using the MultiSeat Power-Pass-Through Monitor. You cannot mix t100 series clients and t200 Zero Clients connected to the same MultiSeat host PC, but you can mix t100 and t150 client devices.