

DELL™ OPTIPLEX™ 745c



BUILT-IN MANAGEABILITY AND PROACTIVE SECURITY FOR BUSINESS DESKTOP PC'S



Dell™ OptiPlex™ 745c

SOLVING TODAY'S IT CHALLENGES

Desktop PC's with Intel® vPro™ technology provide built-in, professional grade management and security capabilities that meet critical business challenges. With powerful Intel® Active Management Technology (Intel® AMT) capabilities built into system hardware and "firmware"¹⁰, IT can lower maintenance costs while ensuring greater levels of IT compliance by taking advantage of improved remote management, provisioning, problem resolution, off-hours maintenance, and proactive security capabilities—all directly from the IT console.

Most importantly, these hardware-based capabilities are available to authorized IT personnel down-the-wire, even for PC's that are powered off or whose operating system (OS) is down. IT personnel will now be able to remotely take accurate asset and hardware/software inventories, help contain security threats, resolve software and hardware problems quickly, and maximize user uptime.

POWER EFFICIENT PERFORMANCE

Dell is committed to offering the latest in powerful, energy efficient PC's. The OptiPlex 745c based on vPro technology is powered by the Intel Core™ 2 Duo processor, giving IT the dual-core, 64-bit capable performance needed to run some of the latest compute-intensive applications and provide outstanding user responsiveness in multitasking environments—all in a power efficient design. IT can now spend less time on routine tasks, and can focus resources where they are most needed for better manageability and security of desktop PC's.

DRIVING INDUSTRY STANDARDS WITH THE DMTF

Dell, Intel and other industry partners are committed to driving standards-based OS-absent remote management through the Desktop and Mobile Work Group (DMWG) of the Distributed Management Task Force. The recently published standard, DASH (Desktop (Mobile) Architecture for Systems Management Hardware) specification will continue to drive standardization of the management hardware and communication protocol to help ensure broad compatibility for hardware and software. Driving standards for this capability will thereby improve the customer experience, support richer IT usage models and scale costs. Future OptiPlex desktops will be designed to conform to DASH.

WHAT IS vPRO?

An Intel brand that includes these features:

- Intel Core™ 2 Duo processor
- Intel Chipset Q965 ICH8DO with Intel Active Management Technology
- Intel Gigabit⁴ LAN On Motherboard



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KEY FEATURE	OPTIPLEX 745c
Processor	Intel® Core™ 2 Duo 1066MHz FSB Socket T with Dual Core technology XD, EM64T, 2MB and up to 4MB L2 cache, and EIST ¹ (E6000 series)
Chipset	Intel® Q965 Express with ICH8DO and support for Active Management Technology (iAMT 2.1)
Operating System	Dell Recommends Microsoft® Windows® XP Professional SP2, Microsoft® Windows® XP Home SP2, Microsoft® Windows® XP 64, Microsoft® Windows Vista™ Home Basic, Microsoft® Windows Vista™ Business and Microsoft® Windows Vista™ Ultimate
Video	Intel GMA 3000 integrated graphics utilizing up to 256MB of system memory; Optional DVI Adapter card, 128MB ATI Radeon™ X1300 (DVI w/ TV out), 256MB ATI Radeon™ X1300 Pro (Dual DVI or VGA via optional cable)
Memory	Four DIMM slots; Non-ECC dual channel shared ² DDR ³ SDRAM - supporting 512MB to 8GB ⁸ Supports 667 MHz up to 8GB ⁸ Supports 800 MHz up to 4GB ⁸
Networking	Integrated Intel Gigabit Ethernet LAN solution 10/100/1000 ⁴ with PXE support
Standard I/O Ports	9 USB 2.0 (2 front, 6 rear, 1 internal), 1 Ethernet (RJ45), 1 serial (9-pin) (16550 compatible), 1 parallel (25-hole, bi-directional), 1 VGA out (15-hole), 1 DVI-I out (USFF) 28-hole DVI connector, Optional add-in PS2 card with second serial port, 1 Stereo Line-in, 1 Microphone-in, 1 Speakers/Line-out, 1 Headphone (front)
Hard Drive	SATA 3.0 Gb/s HDD: 80GB ⁵ , 160GB ⁵ at 7200RPM
CHASSIS	
Dimensions - in. (cm)	Minitower: 16.10 x 7.36 x 17.52 inches (40.89 x 18.69 x 44.50) centimeters
Power Supply	305W
PERIPHERAL OPTIONS	
Monitors and Flat Panel Displays	15" E157FP TFT Flat Panel, 17" E177FP TFT Flat Panel, 19" E197FP TFT Flat Panel UltraSharp 17" 1707FP TFT Flat Panel, UltraSharp 19" 1907FP TFT Flat Panel, UltraSharp 20" 2007FP TFT Flat Panel, UltraSharp 20" 2007FPW TFT Flat Panel, UltraSharp 24" 2407FPW TFT Flat Panel
Keyboard (105 keys)	Dell USB Entry QuietKey Keyboard, Dell USB Enhanced Multimedia Keyboard, Dell Smart Card USB Keyboard
Mouse	Dell 2 Button Scroll USB Mouse, Dell Premium Optical 2 button scroll mouse
Speakers	Optional internal chassis speaker, Dell A225, Dell A525, Dell AS501 Flat Panel Speakers (Sound Bar), Dell AS501PA Flat Panel Speakers (Sound Bar)
STORAGE DEVICES	
Removable Media Storage Devices	USB Floppy Drive, DVD-ROM ⁹ , DVD+/-RW ⁶ , CD-RW/DVD Combo
SECURITY	
Security	Trusted Platform Module 1.2 (TPM 1.2 integrated) Wave Embassy Trust Suite Software (pre-loaded) Dell Smart Card USB Keyboard, Dell Biometric USB Fingerprint Reader (external option)
MANAGEMENT	
Dell Client Manager Standard	A no charge download of a single hardware management console allows you to deploy, manage and troubleshoot Dell client systems across your entire organization
Intel Active Management Technology (iAMT 2.1)	Management of systems regardless of power state or in an OS-absent state
ENVIRONMENTAL	
Environmental & Regulatory	Energy Star 3.0, TCO-99, GreenPC, CECP, BSMI, C-TICK, MIC, SPRING, NFPA 99, VCCI, CCC, UL, FCC, CSA, IRAM, CE, ICS, PCBC, MEEI, SABS, NEMKO, EZU, SASO, EVPU, TUV,
SERVICE AND SUPPORT	
Service and Support	3-years Next Business Day On-Site Service ⁷

¹ Only supported on Intel Core 2 Duo E6000 family processors.

² Shared Memory - up to 256MB of system memory may be allocated to support graphics, depending on system memory size and other factors.

³ Dual Channel Memory - Dual-channel memory requires 2 each of the same capacity memory DIMMs.

⁴ Gigabit LOM - This term does not connote an actual operating speed of 1 Gb/sec. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.

⁵ For hard drives, GB means 1 billion bytes; actual capacity varies with preloaded material and operating system and will be less.

⁶ Discs burned with this drive may not be compatible with some existing drives and players; using DVD+R media provides maximum compatibility.

⁷ Service may be provided by third-party. Technician will be dispatched if necessary following phone based troubleshooting. Subject to parts availability, geographical restrictions and terms of service contract. Service timing dependent upon time of day call placed to Dell. U.S. only.

⁸ The total amount of available memory will be less than 4GB. The amount less depends on the actual system configuration. To fully utilize 4GB or more of memory requires a 64-bit enabled processor and 64-bit operating system.

⁹ DVD-ROM drives may have write-capable hardware that has been disabled via firmware modifications.

¹⁰ Intel® Active Management Technology requires the platform to have an Intel® AMT-enabled chipset, network hardware and software, connection with a power source, and a network connection.

