



# OptiPlex 780

Organizations that demand versatile mainstream desktop computing and robust remote systems management will find a cost-effective solution in the new OptiPlex™ 780 desktops. OptiPlex 780 empowers IT with Intel® vPro™ streamlined remote systems management, data and asset-security solutions, and the kind of chassis serviceability that helps keep working staff productive. The Intel® Core™2 Quad Processor and 90% efficient power supply option on the OptiPlex 780 provide the perfect combination of technology to drive up performance. Because the OptiPlex 780 offers a breadth of configuration options, you can build a customized solution that works for your unique business needs. The stability that the OptiPlex 780 delivers provides the strong foundation you need for ongoing success.

## OptiPlex 780 – Stability and Management You Can Build On

Built on proven technology, the OptiPlex 780 delivers stability you can depend on.

- Long-range planning support with a targeted 15-month lifecycle, stable images, globally available configurations and managed transitions
- Dell Client Manager helps make OptiPlex easy to own and easy to manage, with centralized hardware and software management, inventory control, automation of routine tasks and a unified, expandable feature set
- Dell Distributed Device Management Services helps you track dispersed assets, distribute software and manage patches – no matter where your PC clients are located on the internet

## OptiPlex 780 – Security and Data Protection You Can Depend On

Choose the right kind of security options to help protect your assets, safeguard data and meet compliance.

- Streamline security operations with Dell Client Manager or Dell Distributed Device Management
- Protect against unauthorized access with built-in TPM 1.2\*, Smart Card keyboard and Chassis Intrusion Switch
- Enable secure data protection with Full Disk Encryption Drive or Solid State Drive
- Protect from drive malfunction with RAID 1 storage technology
- Improve login and password authentication, security device management and disk encryption control with Dell ControlPoint™
- Automate, schedule and control backup with Dell Backup and Recovery Manager

## OptiPlex 780 – Working for Your Workforce

With their highly customizable global service and support offerings, OptiPlex desktops empower IT staff with tools designed for every challenge across the IT life cycle. Give your workforce the desktop features and functions that keep them productive:

- Choose high-performance Intel® Core™2 Quad Processors to provide the power for high productivity
- Improve multi-tasking through integrated video support for dual monitors and an optional graphics card to support up to four monitors
- Time-saving tool-less chassis design and Dell-innovative DirectDetect troubleshooting LEDs were designed to help reduce maintenance and service costs
- Intel® vPro™ technology enables remote system repairs and thereby reduces desk-side visits

## OptiPlex 780 – Energy-Efficiency at Work

The OptiPlex 780 employs energy-efficient technologies that are designed to lower the impact on the environment while helping to reduce your organization's energy consumption cost.

- Reduce power consumption – and costs – with optional up to 90% efficient power supplies from Dell
- Minimize power usage with Dell Energy Smart power-management technology (available on select configurations) and recyclable packaging
- Promote environmental sensitivity with the OptiPlex 780 ENERGY STAR® 5.0 and EPEAT® Gold qualified systems (available on select configurations)

OptiPlex 780 Technical Specifications					
Processor Options <sup>1</sup>	Intel® Core™2 Quad (not available on USFF); Intel® Core™2 Duo; Intel® Pentium® Dual Core; Intel® Celeron® Dual Core; Intel® Celeron®				
Chipset	Intel® Q45 Express Chipset w/ICH10D0				
Operating System Options	Microsoft® Windows 7® Basic; Microsoft® Windows 7® Home Premium; Microsoft® Windows 7® Professional (32/64 bit); Microsoft® Windows 7® Ultimate (32/64 bit) Microsoft® Windows Vista® Ultimate; Microsoft® Windows Vista® Business (32/64 bit); Microsoft® Windows Vista® Home Basic; Microsoft® Windows Vista® Business Downgrade via Windows 7® Professional Microsoft® Windows® XP Professional Downgrade via Windows 7® Ultimate; Microsoft® Windows® XP Professional Downgrade via Windows 7® Professional Ubuntu® Linux® (select countries); FreeDOS for N-series				
Graphic Options <sup>2</sup>	All chassis- Integrated Intel® Graphics Media Accelerator 4500; MT/DT/SFF- DVI Adapter card; 1GB NVIDIA GeForce GT330(MT only); 512MB ATI RADEON HD 4550; 256MB ATI® RADEON® HD 3450; 256MB ATI RADEON HD 3470; 256MB NVIDIA GeForce 9300 GE; 512MB NVIDIA NVS420				
Memory Options <sup>3</sup>	MT/DT/SFF- Four DIMM slots; Non-ECC dual-channel 1066MHz or 1333MHz DDR3 SDRAM, up to 16GB maximum system memory USFF- Two DIMM slots; Non-ECC dual-channel 1066MHz or 1333MHz <sup>4</sup> DDR3 SDRAM, up to 8GB maximum system memory				
Networking Options	MT/DT/SFF- Integrated Intel® 82567LM Ethernet LAN 10/100/1000; Broadcom® NetXtreme® 10/100/1000 PCIe card; Dell Wireless 1505 PCIe WLAN card (802.11n); Dell Wireless 1520 mini PCIe WLAN card (802.11n) USFF- Integrated Intel® 82567LM Ethernet LAN 10/100/1000; Dell Wireless 1510 mini PCIe WLAN card (802.11n); Dell Wireless 1520 mini PCIe WLAN card (802.11n)				
Standard I/O Ports	MT/DT/SFF- 8 External USB 2.0 ports and 1 Internal USB 2.0; 1 Parallel; 1 Serial; 1 RJ-45; 1 VGA; 1 Display Port; 1 eSATA; 2 Line-in (stereo/microphone); 2 Line-out (headphone/speaker) USFF- 7 External USB 2.0 ports; 1 Serial; 1 RJ-45; 1 VGA; 1 Display Port; 1 eSATA; 2 Line-in (stereo/microphone); 2 Line-out (headphone/speaker)				
Removable Media Options	Blu-ray Disc Writer; DVD+/-RW; DVD-ROM; Dell 19 in 1 Media Card Reader				
Hard Drive Options <sup>5</sup>	MT/DT/SFF- 3.5" Hard Drives: up to 500GB 7200 RPM SATA 3.0GB/s; up to 160GB 10K RPM SATA 3.0GB/s All chassis- 2.5" Hard Drives: 320GB 7200 RPM SATA 3.0GB/s, 250GB SATA FIPS Full Disk Encryption, up to 128GB SATA Solid State Drives MT/DT/SFF- RAID 0 & 1 support (select configurations) All chassis support Dell's Flexible Computing Solution diskless option.				
Chassis Options		MT	DT	SFF	USFF
	Dimensions (H x W x D) Inches/(cm)	16.1 x 7.4 x 17.0 in. / 40.8 x 18.7 x 43.3 cm	4.5 x 15.7 x 13.9 in. / 11.4 x 39.9 x 35.3 cm	3.65 x 12.4 x 13.4 in. / 9.26 x 31.4 x 34.0 cm	9.4 x 2.6 x 9.3 in. / 23.9 x 6.5 x 23.6 cm
	Weight (lbs/kg)	25.8 / 11.7	18.2 / 8.26	15.0 / 6.8	7.0 / 3.2
	Number of Bays	2 internal 3.5" 1 external 3.5" 2 external 5.25"	1 internal 3.5" 1 external 3.5" 1 external 5.25"	1 internal 3.5" 1 external 3.5" 1 external 5.25"	1 internal 2.5" 1 external 5.25"
	Expansion Slots	1 full height PCIe x16 1 full height PCIe x1 2 full height PCI	1 low-profile PCIe x16 2 low-profile PCI	1 low-profile PCIe x16 1 low-profile PCI	N/A
	Power Supply Unit (PSU) <sup>7</sup>	305W Standard PSU or optional 255W up to 88% Efficient PSU	255W Standard PSU or optional 255W up to 88% Efficient PSU	235W Standard PSU or optional 235W up to 88% Efficient PSU	180W up to 90% efficient Standard PSU
Peripheral Options	All-in-One Stand with Display Options (USFF only): 19" Standard, 19" Wide and 22" Wide Monitors Mounting Options (USFF only): Wall/ Under-desk mount, Stand only without Display				
	Keyboards: Dell USB Entry Keyboard, Dell QuietKey™ Keyboard, Dell Multimedia Pro Keyboard, Dell Smartcard Keyboard				
	Mouse: Dell USB Optical Mouse, Dell Laser Mouse				
	Audio Speakers: Internal Dell Business audio speaker, Dell AX210 2.0 and AY410 2.1 Desktop Speakers; Dell AX510 and AX510PA Sound Bar Speakers				
Security Options	Trusted Platform Module (TPM) <sup>8</sup> 1.2, Non-TPM (in select countries only), Dell ControlPoint, Chassis lock slot and lock loop support, optional Chassis Intrusion Switch, Setup/BIOS Password, I/O Interface Security, Smart Card keyboards, Intel® Trusted Execution Technology, BIOS support for optional Computrace <sup>9</sup>				
Systems Management Options <sup>10</sup>	Intel vPro Technology enabled or disabled, Intel Standard Manageability or No Out-of-Band Systems Management				
Environmental and Regulatory Standards	Environmental Standards (eco-labels): ENERGY STAR® 5.0 (select configurations), EPEAT Gold (select configurations), CECP, TCO 05, WEEE, Japan Energy Law, CES, Japan Green PC, FEMP, South Korea Eco-label, EU RoHS, China RoHS Other Environmental Options: Dell Energy Smart settings (select configurations); Carbon Off-set; Dell Asset Recovery Service				
Warranty and Service Options <sup>11</sup>	Limited Hardware Warranty; Standard 3-year Next Business Day On Site Service after Remote Diagnosis (3-3-3) <sup>12</sup> ; Optional 3-year Dell ProSupport™ for IT; 4 year and 5 year extended warranty, service and support options <sup>13</sup>				

<sup>1</sup>Offering may vary by region.

<sup>2</sup>System Memory and Graphics: Significant system memory may be used to support graphics, depending on system memory size and other factors.

<sup>3</sup>4GB or Greater System Memory Capability: A 64-bit operating system is required to support 4GB or more of system memory.

<sup>4</sup>This system supports both 1066 MHz and 1333MHz DDR3 memory, however, the system will operate at 1066MHz speed due to chip set specifications.

<sup>5</sup>Hard Drive: GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

<sup>6</sup>Desktop chassis: Optional available riser converts the PCIe and PCI low profile slots into full height slots

<sup>7</sup>PSU: This form factor utilizes a more efficient Active Power Factor Correction (APFC) power supply. Dell recommends only Universal Power Supplies (UPS) based on Sine Wave output for APFC PSUs, not an approximation of a Sine Wave, Square Wave, or quasi-Square Wave (see UPS technical specifications). If you have questions please contact the manufacturer to confirm the output type.

<sup>8</sup>TPM: TPM is not available in all regions.

<sup>9</sup>Computrace: Not a Dell offer. Certain conditions apply. For full details, see terms and conditions at [www.ijackforlaptops.com](http://www.ijackforlaptops.com).

<sup>10</sup>Systems Management Options:

- Intel® vPro Technology Enabled - Fully enabled at point of purchase; the vPro systems management option requires vPro cpus.
- Intel® Standard Manageability - Fully enabled at point of purchase, the Intel Standard Management option provides some of the features of vPro except those options which are processor specific.
- No Out-of-Band Systems Management - This option removes out of band systems mgmt features. The system can still be managed in band but not out of band. Out of band management support cannot be added at a later date.
- Systems management options are based on iAMT Professional 5.x features except No Out-of-Band Systems Management

<sup>11</sup>Limited Hardware Warranty: For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see [www.dell.com/warranty](http://www.dell.com/warranty).

<sup>12</sup>Next Business Day Onsite Service after Remote Diagnosis: Remote Diagnosis is determination by online/phone technician of cause of issue; may involve customer access to inside of system and multiple or extended sessions. If issue is covered by Limited Hardware Warranty ([www.dell.com/warranty](http://www.dell.com/warranty)) and not resolved remotely, technician and/or part will be dispatched, usually within 1 business day following completion of Remote Diagnosis. Availability varies. Other conditions apply.

<sup>13</sup>Dell Services: Availability and terms of Dell Services vary by region. For more information, visit [www.dell.com/servicesdescriptions](http://www.dell.com/servicesdescriptions).

