OPTIPLEX 580

Organizations looking for a new level of computing performance and value in an AMD-based desktop system should look no further than Dell™ OptiPlex™ 580 desktops. Featuring the latest AMD Phenom™ II processor options, the OptiPlex 580 helps keep productivity high and costs low. Productivity and value are provided through a variety of features, such as cost-optimized quad-monitor support, Broadcom® TruManage™ systems management, and a tool-less chassis. With secure and reliable hard drive options* and TPM 1.2*, the OptiPlex 580 provides security and peace-of-mind. With a 20-month life-cycle, the OptiPlex 580 delivers the kind of stability that Dell customers have come to trust. The OptiPlex 580 represents a new standard for performance, value, and stability in an AMD-based desktop system.

A DESKTOP PLATFORM YOU CAN COUNT ON AND GROW WITH

With the latest AMD Phenom II processor options, cost-optimized quad-monitor support, and a long 20-month lifecycle, the OptiPlex 580 provides stable, reliable performance to scale to present and future needs. Deploy systems with confidence with the OptiPlex hallmarks of stable images, globally available configurations, and managed transitions.

- Deliver the performance your users need with the latest AMD Phenom II dual- and quad-core processor options combined with AMD 785G chipset with ATI Radeon™ HD 4200 graphics.
- Cost-effectively provide your users with quad-monitors for enhanced productivity using the built in VGA and DP ports along with a dual-port video card.

SIMPLIFY I.T. WITH RELIABLE, MANAGEABLE AND EASY-TO-MAINTAIN SYSTEMS

Reduce desk-side visits with integrated systems management and provide enhanced security with TPM 1.2* and hardware-based full disk encryption hard drives*.

- Standards-based Broadcom® TruManage™ systems management provides easy-to-use, sophisticated systems management that can help eliminate desk-side visits, lower TCO, and enable efficient desktop provisioning.
- Protect your organization, your users, and your investment with solid state hard drives for increased reliability, and hardware-based full disk encryption storage options*, along with TPM 1.2*, to maintain security.
- DirectDetect LEDs and a tool-less chassis ease troubleshooting and serviceability for your IT organization.

KEEP YOUR SYSTEMS CURRENT AND PROTECTED

Keep track of your desktop installed base and keep your systems up-to-date and secure with optional Dell ProManage™ Distributed Device Management Services. Services include:

- Asset Management – Discover, track, and manage distributed desktops to improve security, risk management, and compliance.
- Software Distribution – Policy-based software distribution and management for distributed Microsoft® Windows® desktop and notebook environments.
- Patch Management – Help ensure security by automating patch management processes for Microsoft Windows, Microsoft Office®, and a variety of third-party applications.
- Anti-Malware and Virus Management – Protect your desktops and help ensure end-point security by centrally deploying Symantec® and McAfee® anti-virus software and updates for distributed desktop and notebook computers – whether or not they are on the corporate network.

* Not available in all regions or countries.

OptiPlex 580 Technical Specifications

Processor Options*	AMD Phenom™ II X4 Quad Core B9x Processors (8M, AMD-V™, PowerNow!™, EVP) AMD Phenom™ II X3 Triple Core B7x Processors (7.5M, AMD-V™, PowerNow!™, EVP) AMD Phenom™ II X2 Dual Core B5x Processors (7M, AMD-V™, PowerNow!™, EVP) AMD Phenom™ II X2 Dual Core B2x Processors (2M, AMD-V™, PowerNow!™, EVP) AMD Athlon™ II X4 Quad Core 6xx Processors (2M, AMD-V™, Cool'n Quiet, EVP) AMD Athlon™ II X3 Triple Core 4xx Processors (1.5M, AMD-V™, Cool'n Quiet, EVP) AMD Athlon™ II X2 Dual Core 2xx Processors (2M, AMD-V™, Cool'n Quiet, EVP) AMD Sempron™ Single Core 1xx Processor (1M, AMD-V™, Cool'n Quiet, EVP)
Chipset	AMD 785G
Operating System Options	Microsoft® Windows® 7 Home Basic 32-bit (select countries); Microsoft® Windows® 7 Home Premium 32-bit ; Microsoft® Windows® 7 Professional 32-bit and 64-bit; Microsoft® Windows® 7 Ultimate 32-bit Microsoft® Windows Vista® Home Basic 32-bit; Microsoft® Windows Vista® Business 32-bit and 64-bit; Microsoft® Windows Vista® Ultimate 32-bit; Microsoft® Windows® XP Professional 32-bit Downgrade via Windows® 7 Professional or Ultimate 32-bit Microsoft® Windows XP Professional 32-bit Downgrade via Windows Vista® Business or Ultimate 32-bit Microsoft® Windows Vista® 32-bit Business Downgrade via Windows® 7 Professional 32-bit Microsoft® Windows Vista® Ultimate 32-bit Downgrade via Windows® 7 Ultimate Ubuntu® Linux® (select countries); FreeDOS for N-series
Graphic Options	Integrated ATI Radeon HD 4200 Graphics; 256MB ATI® RADEON® HD 3450 (dual DVI or dual VGA options)*; 256MB ATI RADEON HD 3470 (dual DP or DP/DVI options)*; 512MB NVIDIA NVS420 (SFF only, quad DP or quad DVI options)*; 256MB NVIDIA GeForce 9300 (dual DVI or dual VGA options)*; 512MB ATI RADEON HD 4550 (DP/ DVI)*
Memory Options	MT/DT/SFF- Four DIMM slots; Non-ECC dual-channel 1066MHz DDR3 SDRAM*, up to 16GB*
Networking	Integrated Broadcom 5761 Ethernet LAN 10/100/1000; optional Broadcom® 1505 PCIe WLAN card (802.11 N)
Standard I/O Ports	MT/DT/SFF- 8 External USB 2.0 ports (2 front/ 6 rear); 1 Serial; 1 RJ-45; 1 VGA; 1 Display Port; 1 eSATA; 2 Line-in (stereo/microphone); 2 Line-out (headphone/speaker)
Hard Drive Options	3.5" Hard Drives: 80GB, 160GB, 250GB, 500GB* 7200 RPM SATA 3.0GB/s, 80GB, 160GB* 10K RPM SATA 3.0GB/s 2.5" Hard Drives: 160GB, 250GB* 7200 RPM SATA 3.0GB/s, 64GB* SATA Solid State Drive MT/DT/SFF- RAID 0 & 1 support on select configurations

Chassis Options

		MINITOWER	DESKTOP	SMALL FORM FACTOR
	Dimensions (H x W x D) Inches/(cm)	16.1 x 7.4 x 17.0 / (40.8 x 18.7 x 43.3)	4.5 x 15.7 x 13.9 / (11.4 x 39.9 x 35.3)	3.65 x 12.4 x 13.4 / (9.26 x 31.4 x 34.0)
	Weight (lbs/kg)	25.8 / 11.7	18.2 / 8.26	15.0 / 6.8
	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 external3.5" (slimline) 1 external 5.25" (slimline)
	Expansion Slots	1 full height PCIe x16 1 full height PCIe x16 (routed as x4) 2 full height PCI	1 low-profile PCIe x16 1 low-profile PCIe x16 (routed as x4) 1 low-profile PCI	1 low-profile PCIe x16 1 low-profile PCIe x16 (routed as x4)
	DIMM Slots	4	4	4
	Power Supply Unit (PSU)	305W Standard PSU or optional 255W 88% Efficient PSU; Energy Star 5.0 compliant	255W Standard PSU or optional 255W 88% Efficient PSU; Energy Star 5.0 compliant	235W Standard PSU or optional 235W 88% Efficient PSU; Energy Star 5.0

Peripheral Options	**Monitors:** **Dell G-Series and Entry Standard and Widescreen Flat Panel Analog:** Dell G2210, G2410, E170S, E190S, E1709W, E1909WDD, E1910H, E1910, E2010H, E2009W, E2210H, E2210, E2310H **Dell Professional Digital Standard and Widescreen Flat Panel:** Dell P170S, P190S, 1909W, 2009W, P2010H, P2210H, P2210, P2310H **Dell UltraSharp™** Digital Standard and Widescreen Flat Panel, Adjustable Stand: Dell 1907FPV, 2007FP, 2209WA, U2410
	Keyboards: Dell USB Entry Keyboard, Dell QuietKey™ Keyboard, Dell Multimedia Pro 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) 1.21*, 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, BIOS support for optional Computrace®*
Systems Management Options	Broadcom TruManage™ ready
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; System Recycle (Asset Recovery Service)
Warranty and Service Options	Limited Hardware Warranty*; Standard 3-year Next Business Day On Site Service after Remote Diagnosis* (3-3-3); Optional 3-year Dell ProSupport™ for IT*; 4 year and 5 year extended warranty andservice options