

# Dell OptiPlex GX280



The GX280 is the next generation business desktop capable of meeting the needs of a broad range of users in corporate and institutional environments using the next generation technology providing significant performance and maximizing platform stability.

## A New Level of System Performance and Headroom

The OptiPlex GX280 is designed to increase productivity in your organization by providing up to a 5X<sup>3</sup> system performance over legacy Dell systems and maximizing investment protection with the latest breakthrough technology.

The GX280 features the next generation Intel® 915G Express chipset and the latest Intel® Pentium® 4 800MHz FSB processors with 1MB L2 cache supporting Hyper-Threading Technology as well as an integrated PCI-Express Gigabit<sup>1</sup> network connection and dual channel DDR2 shared<sup>2</sup> memory.

The GX280 will introduce innovative new features and interfaces into the desktop PC market that are designed to improve system performance allowing new levels of productivity for corporate clients.

- **Dual Channel DDR2 Shared<sup>2</sup> Memory:** Next generation memory technology that helps extend your desktop lifecycle.
- **PCI Express:** New desktop interface for graphics, networking and I/O. Fast, easily scalable, physically compact, point-to-point interfaces with significantly higher bandwidth than the legacy architectures.
- **Integrated Serial ATA Hard drives:** SATA is designed to offer improved bandwidth that allows for faster and larger hard drives while using smaller cabling to allow better airflow and chassis cooling.
- **Latest Intel® Integrated Graphics:** Intel® Graphics Media Accelerator 900® delivers exceptional 2D, 3D, and multimedia performance for current and emerging business applications.

The GX280 can also be custom configured with a broad range of peripherals including new PCI Express X16 graphics cards, DVD+RW<sup>4</sup> drives, Dell Flat Panel monitors, speakers, and peripherals. The GX280 also provides support for your legacy peripherals by incorporating native serial and parallel ports as well as PS/2 and serial port add-in cards.

## A New level of Stability

The GX280 continues to maximize platform stability leadership through Dell programs focused on corporate and institutional customers who standardize on a single image.

- New Stable Image Assurance Program (Americas only at launch and must be part of CFI).
- ImageWatch™ transition management tool
- Intel® Stable Image Platform Program
- Dell CFI Image Management and X-Image tools

## Easy to Manage

The OptiPlex 280 series provides ready to use diagnostics to help minimize down time. The diagnostics reside on a small utility partition on the hard drive and can be launched from the F12 key upon boot. The diagnostics are designed to detect specific hardware components and then run various tests across the component to troubleshoot the problem. These diagnostics, in most cases, can identify the issue as a hardware or driver issue, further simplifying the process and helping to keep downtime at a minimum.



Easy as **DELL**™

Visit [www.dell.com](http://www.dell.com) for more information.



# Dell OptiPlex GX280

## SYSTEM

<b>Processor</b>	Intel® 915G Express chipset, Intel® Pentium® 4 processor with 800 MHz front side bus and Hyper-Threading and 1MB L2 cache or Celeron D® processor with 533 MHz front side bus and 256K L2 cache
<b>Operating Systems</b>	Microsoft Windows® XP Professional, Microsoft Windows XP Home, Microsoft Windows 2000 Professional Dell recommends Microsoft® Windows® XP Professional
<b>Memory</b>	4 DIMM slots (SF Chassis only has two); Non-ECC dual channel shared <sup>2</sup> DDR2 SDRAM system memory (400MHz) up to 4GB <sup>3</sup> on the SD and SMT chassis
<b>Video Graphics Controller</b>	Integrated Intel® Graphics Media Accelerator 900®
<b>Hard Drive</b>	40, 80, 160 and 250GB 7200RPM Serial ATA
<b>EIDE Controller</b>	Integrated ATA/100 Dual Channel, Bus Master EIDE Hard Drive Controller Integrated 2-channel Serial ATA Controller Integrated floppy diskette drive support
<b>Network Controller</b>	Broadcom® Gigabit <sup>1</sup> Network Connection with support for Remote Wake Up and Alert Standard Format (ASF 1.0)
<b>Standard I/O Ports</b>	Eight USB 2.0 (two front and six rear), one Ethernet (RJ45), one nine-pin serial (16550 compatible), one parallel (25-hole, bi-directional), 1 VGA out, stereo line-in (minijack), microphone-in (minijack-front), speakers/line-out (minijack) and headphone (minijack-front)

## CHASSIS

SMALL FORM FACTOR,  
SMALL DESKTOP, AND  
SMALL MINI-TOWER  
AVAILABLE

<b>Vertical Orientation (W x D x H)</b>	Small Form Factor 3.57" x 13.93" x 12.54" (9.0cm x 35.4cm x 31.9cm) Small Desktop 4.25" x 16.97" x 15.37" (10.8cm x 43.1cm x 39.0cm) Small Mini-Tower 7.13" x 17.61" x 16.75" (18.1cm x 44.7cm x 42.5cm)
<b>Horizontal Orientation (W x D x H)</b>	Small Form Factor 12.54" x 13.93" x 3.57" (31.9cm x 35.4cm x 9.0cm) Small Desktop 15.37" x 16.97" x 4.25" (39.0cm x 43.1cm x 10.8cm) Small Mini-Tower 16.75" x 17.61" x 7.13" (18.1cm x 44.7cm x 42.5cm)

## PERIPHERALS

<b>Chassis Weight</b>	Small Form Factor ~ 14lbs. Small Desktop ~ 21lbs. Small Mini-Tower ~ 32lbs.
<b>Power Supply</b>	Small Form Factor 160W Small Desktop 210W, Small Mini-Tower 250W & 305W
<b>Monitors</b>	17" E773 (16.0" V.I.S.) 17" M783 Flat FST (16.0" V.I.S.) 19" M993 Flat FST (17.9" V.I.S.) 22" UltraScan P1230 (21.1" V.I.S.) 15" E153FP Flat Panel (15.0" V.I.S.) 1024 x 768 15" UltraSharp™ 1504FP Flat Panel (15.0" V.I.S.) 1024 x 768 17" UltraSharp™ 1703FP Flat Panel (17.0" V.I.S.) 1280 x 1024 17" E172FP Flat Panel (17.0 V.I.S) 1280 x 1024 19" UltraSharp™ 1901FP Flat Panel (19.0" V.I.S.) 1280 x 1024 20" UltraSharp™ 2001FP Flat Panel (20.1" V.I.S.) 1600 x 1200

## STORAGE DEVICES

<b>Keyboard (105 Keys)</b>	Dell Enhanced QuietKey™ USB, Enhanced Performance USB, USB Smart Card keyboard
<b>Mouse</b>	Dell USB two-button and Dell USB optical two-button scroll
<b>Speakers</b>	Internal Dell Business Audio speaker, Dell A215, Dell A425
<b>Removable Media Storage Devices</b>	USB Floppy Drive, CD-ROM, CD-RW/DVD Combo, DVD-ROM and DVD+RW <sup>4</sup>
<b>USB Storage Keys</b>	Dell USB Memory Key 64MB <sup>5</sup> and 128MB <sup>5</sup> , USB 2.0 full speed compliant and bootable
<b>Standards</b>	TC099, Blue Angel, Green PC, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA 99, SABBS, SASO, TCO, TUV, UL, VCCI, USB 2.0

## ENVIRONMENTAL, ERGONOMICS & REGULATORY SERVICE & SUPPORT

<b>Base Service</b>	Three-Year Limited Warranty <sup>6</sup> and Next Business Day On-Site <sup>7</sup> service (US Only)
<b>Optional Service</b>	Three-Year Same Day Four-Hour On-Site <sup>7</sup> Response Service, 5 days x 10 hours a day, Three-Year Same Day Four-Hour On-Site <sup>8</sup> Response Service, 7 days x 24 hours a day



1. This term does not connote an actual operating speed of 1Gb/sec. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.  
2. Up to 128MB of system memory may be allocated to support graphics, depending on system memory size and other factors.  
3. Based on the Sysmark® Office Productivity and Ziff Davis® Content Creation 2004 benchmark test performed by Dell Labs in April 2004 on the OptiPlexGX280 with P4 3.2GHz, 512MB, 120GB SATA HDD, WXP as compared with the OptiPlex GX110 configured with P3 700MHz, 128MB, 40GB ATA66 HDD, WXP. Actual performance will vary based on configuration, usage and manufacturing variability.  
4. Discs burned with this drive may not be compatible with some existing drives and players; using DVD+R media provides maximum compatibility.  
5. For writeable storage devices, MB means 1 million bytes; total accessible capacity varies depending on operating environment.  
6. This total amount of usable memory available will be less than 4 GB, depending on the actual system configuration.  
7. For a copy of our guarantees or limited warranties, please write Dell USA L.P., Attn: Warranties, One Dell Way, Round Rock, TX 78682. For more information, visit [http://www.dell.com/us/en/gen/misc/policy\\_010\\_policy.htm](http://www.dell.com/us/en/gen/misc/policy_010_policy.htm)  
8. 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.  
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