

# Dell OptiPlex GX280



**The GX280 is now  
available in two new form  
factors to provide even  
more flexibility for use in  
corporate and institutional  
environments.**

## New Chassis - Same Performance

The OptiPlex™ GX280 is designed to increase productivity in your organization by providing up to a 5X system performance improvement<sup>1</sup> over four-year old legacy Dell™ systems and maximizing investment protection with the implementation of the latest relevant technology.

Using the identical internal components as the existing GX280 chassis, you get the same investment protection with the latest technology without any image impacting changes.

Designed by Dell, the new chassis is focused on thermal management for maximum power with minimum noise for a whisper quiet and reliable operation.

- **HyperCool™** design provides improved thermal management designed to lower ambient temperatures and improve overall reliability

Usability enhancements were made based on direct customer feedback.

- Chassis design now includes a latched door that can be completely removed to allow tool-less access to the system's internal components without requiring the system to be repositioned
- Front placement of **DirectDetect™** system health status indicators
  - Four Diagnostic LED's which provide system status of over 24 different modes, helping to reduce call times for helpdesk diagnosis
  - Network activity LED aiding in quicker system diagnosis of network issues

## Same level of Stability

The GX280 will continue to offer the same level of Dell programs designed to maximize platform stability for customers who standardize on a single image.

- Stable Image Assurance Program
- 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.



**GET MORE OUT OF NOW.**

Vistin [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>                  | <b>Dell recommends Microsoft® Windows XP® Professional</b><br>Microsoft® Windows XP® Professional,<br>Microsoft® Windows XP® Home,<br>Microsoft® Windows® 2000 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 Desktop and Minitower chassis                                                                                                                                                                                                                                                                        |
| <b>Video Graphics Controller</b>          | Integrated Intel® Graphics Media Accelerator 900 <sup>4</sup>                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Hard Drive<sup>5</sup></b>             | 40, 80, 160 and 250GB 7200RPM Serial ATA                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>EIDE Controller</b>                    | Integrated ATA/100 Dual Channel, Bus Master EIDE Hard Drive Controller<br>Integrated 2-channel Serial ATA Controller<br>Integrated floppy diskette drive support                                                                                                                                                                                                                                                                                      |
| <b>Network Controller</b>                 | Broadcom® Gigabit <sup>6</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)                                                                                                                                                                        |
| <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)<br>Desktop: 4.5" x 13.9" x 15.7" (11.4cm x 35.3 cm x 39.8cm)<br>Mini-Tower: 7.4" x 17.1" x 16.1" (18.8cm x 43.3cm x 40.9cm)                                                                                                                                                                                                                                                      |
| <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)<br>Desktop: 15.7" x 13.9" x 4.5" (39.8cm x 35.3cm x 11.4cm)<br>Mini-Tower: 16.1" x 17.1" x 7.4" (40.9cm x 43.3cm x 18.8cm)                                                                                                                                                                                                                                                        |
| <b>Chassis Weight</b>                     | Small Form Factor ~14lbs; Small Desktop ~21lbs;<br>Desktop~22lbs.(~9.7kg) and Mini-Tower ~29lbs.(~13.2kg)                                                                                                                                                                                                                                                                                                                                             |
| <b>Power Supply</b>                       | Small Form Factor 160W; Small Desktop 210W;<br>Desktop 280W; Mini-Tower 305W                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Monitors</b>                           | 17" E773 (16.0" V.I.S.)<br>17" M783 Flat FST (16.0" V.I.S.)<br>19" M993 Flat FST (17.9" V.I.S.)<br>22" UltraScan P1230 (21.1" V.I.S.)<br>15" E153FP Flat Panel 1024 x 768<br>15" UltraSharp™ 1505FP Flat Panel 1024 x 768<br>17" UltraSharp™ 1704FP Flat Panel 1280 x 1024<br>17" E172FP Flat Panel 1280 x 1024<br>17" E173FP Flat Panel 1280X 1024<br>19" UltraSharp™ 1905FP Flat Panel 1280 x 1024<br>20" UltraSharp™ 2001FP Flat Panel 1600 x 1200 |
| <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>8</sup>                                                                                                                                                                                                                                                                                                                                                                          |
| <b>USB Storage Keys</b>                   | Dell USB Memory Key 64MB <sup>7</sup> and 128MB <sup>7</sup> , USB 2.0 full speed compliant and bootable                                                                                                                                                                                                                                                                                                                                              |
| <b>Standards</b>                          | Energy Star, TCO-99, Blue Angel, Green PC BSMI, C-TICK, MIC, SPRING, NFPA 99, VCCI, CCC, UL, FCC, CSA, IRAM, CE, ICS, SABS, NEMKO, SASO, TUV, NOM-NYCE, GOST, SII                                                                                                                                                                                                                                                                                     |
| <b>Base Service</b>                       | Three-Year Limited Warranty <sup>9</sup> and Next Business Day On-Site <sup>9</sup> service (US Only)                                                                                                                                                                                                                                                                                                                                                 |
| <b>Optional Service</b>                   | Three-Year Same Day Four-Hour On-Site <sup>9</sup> Response Service, 5 days x 10 hours a day,<br>Three-Year Same Day Four-Hour On-Site <sup>9</sup> Response Service, 7 days x 24 hours a day                                                                                                                                                                                                                                                         |

## CHASSIS

SMALL FORM FACTOR,  
DESKTOP AND MINITOWER  
AVAILABLE

## PERIPHERALS

## STORAGE DEVICES

## ENVIRONMENTAL, ERGONOMICS & REGULATORY SERVICE & SUPPORT



1. Based on the Sysmark® Office Productivity and Ziff Davis® Content Creation 2004 benchmark tests performed by Dell Labs in April 2004 on the OptiPlex GX280 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.  
2. Up to 128 MB of system memory may be allocated to support graphics, depending on system memory size and other factors.  
3. This total amount of usable memory available will be less than 4 GB, depending on the actual system configuration.  
4. For hard drives, GB means 1 billion bytes; actual capacity varies with preloaded material and operating environment and will be less.  
5. This term does not denote an actual operating speed of 1Gb/sec. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.  
6. Discs burned with this drive may not be compatible with some existing drives and players; using DVD+R media provides maximum compatibility.  
7. For writeable storage devices, MB means 1 million bytes; total accessible capacity varies depending on operating environment.  
8. 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)  
9. 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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