

Dell OptiPlex GX620 and GX520



The GX620 and the GX520 are designed for the enterprise customer who is looking for performance, stability and flexibility in the workplace. The GX620 and GX520 extend industry-leading solutions through customer driven innovation, environmental responsibility and excellent customer choice, by offering seven different chassis choices sharing one single image, helping to provide excellent image stability and a low ownership cost. The GX520 provides new integrated desktop innovations for customers seeking a robust mainstream business solution while the GX620 offers all the benefits of the GX520 plus maximum flexibility, security and investment protection including Intel's new Pentium D Dual Core processors.



Direct Detect™ keeping the pulse on the health of your system

- Provides quick and convenient status of your hard drive activity and network connectivity



Usability at your fingertips

- USB ports are conveniently located on the front of the system with easy access and spacing for side by side installation of USB devices



Innovative BTX Design

- Dell's innovative BTX chassis, power supply and motherboards are designed for thermal efficiency providing improved reliability and quieter operation, as compared to previous OptiPlex models.



Innovative HyperCool™ System

- Dell's HyperCool thermal management technology utilizes variable speed fans that provide optimal cooling with less power and enables quieter operation as compared to previous OptiPlex models.



A Solution For Every Space

- The GX620 offers the Ultra Small Form Factor and the Small Form Factor chassis with an innovative All-in-One solution for space constrained environments.
- The GX520 includes this offer on the Small Form Factor chassis.



Environmental Peace of Mind

- Environmentally conscious design is RoHS compliant
- Waste reduction via customer selectable documentation and media at the point of purchase
- EnergyStar compliant straight from the factory
- Asset recovery and disposal services available

Dell Services help make OptiPlex™ desktops Easier to Deploy and Easier to Manage

- Image Management – Helps reduce image management complexity and costs by assisting customers with image development, testing and validation.
- Custom Factory Integration - Key services include custom image load, asset tagging and management and custom hardware installation.
- Deployment – Dell can arrange for custom logistics and delivery as well as installation of new systems and removal of old hardware.

GET MORE OUT OF NOW.

Visit www.dell.com for more information



OptiPlex GX620



OptiPlex GX520



System								
Processor Type	Intel® 945G chipset, Intel® Pentium® D processor with Dual Core architecture, Intel® Pentium® 4 processor with 800MHz front side bus and Hyper-Threading and up to 2MB L2 cache or Celeron D® processor with 533MHz and 256K L2 cache				Intel® 945G chipset with Intel® Pentium® 4 processor with 800 MHz front side bus and Hyper-Threading and up to 2MB of L2 cache and Celeron D® processor with 533MHz and 256K L2 cache			
Processor Features	Intel® Pentium® D 800MHz FSB socket T with Dual Core technology XD, EM64T, 2x1MB L2 cache, and EIST* (8xx series) Intel® Pentium® 4 800MHz FSB socket T with HT, XD, EM64T, 2MB L2 cache and EIST* (6xx series) Intel® Pentium® 4 800MHz FSB socket T with HT, XD, EM64T, and 1MB L2 cache (5xx series) Intel® Celeron® D533 MHz FSB Socket T with XD and EM64T (3xx series)				Intel® Pentium® 4 800MHz FSB socket T with HT, XD, EM64T, and 1MB L2 cache (5xx series) Intel® Pentium® 4 800MHz FSB socket T with HT, XD, EM64T, and 2MB L2 cache and EIST* (6xx series) Intel® Celeron® D 533 MHz FSB Socket T with XD and EM64T (3xx series)			
Operating Systems	Dell recommends Microsoft® Windows® XP Professional; Microsoft Windows® XP Professional and Microsoft Windows XP Home Edition				Dell recommends Microsoft® Windows® XP Professional; Microsoft Windows® XP Professional and Microsoft Windows XP Home Edition			
Memory	4 DIMM slots (2 DIMM slots on USFF chassis); Non-ECC dual channel shared² DDR2 SDRAM system memory (533Mhz) up to 4GB³				2 DIMM slots Non-ECC dual channel shared² DDR2 SDRAM system memory (400 and 533Mhz) up to 2GB			
Video Graphics Controller	Integrated Intel® Graphics Media Accelerator 950®; DVI Adapter card; 128MB ATI Radeon® X600SE with DVI and TV -out 256MB ATI Radeon X600 with dual VGA or dual DVI				Integrated Intel® Graphics Media Accelerator 950®			
Hard Drive	40GB⁴, 80GB⁴, 160GB⁴ and 250GB⁴ 7200RPM Serial ATA or Serial ATA II and 80GB 10K RPM Serial ATA				40GB⁴, 80GB⁴ and 160GB⁴ 7200RPM Serial ATA or Serial ATA II			
Network Controller	Broadcom® 5751 Gigabit Ethernet LAN solution 10/100/1000¹ Ethernet with Remote Wake Up and PXE support				Broadcom® 5751 Gigabit Ethernet LAN solution 10/100/1000¹ Ethernet with Remote Wake Up and PXE support			
Standard I/O Ports	Eight USB 2.0 (two front and six rear), USFF offers 7 USB 2.0 (2 front and 5 rear), one Ethernet (RJ45), one nine-pin serial (16550 compatible), one parallel (25-hole, bi-directional), 1 VGA out, (DVI-I out on USFF) Optional Second serial port (Not available on USFF), stereo line-in, microphone-in (front), speakers/line-out and headphone (front)				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, Optional Second serial port, stereo line-in, microphone-in (front), speakers/line-out and headphone (front)			
Chassis								
Dimensions	Small Form Factor 12.4" x 3.6" x 13.4" (31.63cm x 9.26cm x 34cm) Desktop 15.6" x 4.5" x 13.7" (39.59cm x 11.43cm x 34.77cm) Mini-Tower 16.2" x 7.3" x 17" (41.14cm x 18.96cm x 43.18cm) Ultra Small Form Factor 10.3" x 3.5" x 9.9" (26.3cm x 8.9cm x 25.28cm)				Small Form Factor 12.4" x 3.6" x 13.4" (31.63cm x 9.26cm x 34cm) Desktop 15.6" x 4.5" x 13.7" (39.59cm x 11.43cm x 34.77cm) Mini-Tower 16.2" x 7.3" x 17" (41.14cm x 18.96cm x 43.18cm)			
Power Supply	Small Form Factor 275W; Desktop 280W; Mini-Tower 305W; Ultra small form factor 220W (External)				Small Form Factor 220W; Desktop 220W; Mini-Tower 230W			
Peripherals								
Monitors	17" E173FPb TFT Flat Panel 19" E193FPb TFT Flat Panel	17" E773c/s 17" M783 19" M993 UltraScan	UltraSharp™ 17" 1704FP TFT Flat Panel UltraSharp™ 19" 1905FP TFT Flat Panel UltraSharp™ 20" 2001FP TFT Flat Panel	UltraSharp 20" 2005 FP Widescreen UltraSharp 24: 2405 FP Widescreen	17" E173FPb TFT Flat Panel 19" E193FPb TFT Flat Panel	17" E773c/s 17" M783 19" M993 UltraScan	UltraSharp™ 17" 1704FP TFT Flat Panel UltraSharp™ 19" 1905FP TFT Flat Panel UltraSharp™ 20" 2001FP TFT Flat Panel	UltraSharp 20" 2005 FP Widescreen UltraSharp 24: 2405 FP Widescreen
All In One Solutions	UltraSharp™ 1706FP All In One (SF Chassis); UltraSharp™ 1906FP All In One (SF Chassis); UltraSharp™ 1706FP All In One (USFF chassis)				UltraSharp™ 1706FP All In One (SF Chassis); UltraSharp™ 1906FP All In One (SF Chassis)			
Keyboard (105 Keys)	Dell Enhanced QuietKey® USB, Enhanced Performance USB, Smart Card keyboard USB				Dell Enhanced QuietKey® USB, Enhanced Performance USB, Smart Card keyboard USB			
Mouse	Dell USB two-button and Dell USB optical two-button scroll				Dell USB two-button and Dell USB optical two-button scroll			
Speakers	Internal Dell Business Audio speaker, Dell A215, Dell A425, AS501 and AS501PA sound bar available with select FP monitors				Internal Dell Business Audio speaker, Dell A215, Dell A425, AS501 and AS501PA sound bar available with select FP monitors			
Storage Devices								
Removable Media Storage Devices	USB Floppy Drive, CD-ROM, CDRW⁴, CD-RW/DVD Combo, DVD-ROM⁴ and DVD+/-RW⁵				USB Floppy Drive, CD-ROM, CDRW⁴, CD-RW/DVD Combo, DVD-ROM⁴ and DVD+/-RW⁵			
USB Storage Keys	Dell USB Memory Key 128MB, 256MB, and 512MB and USB 2.0 full speed compliant and bootable				Dell USB Memory Key 128MB, 256MB, and 512MB and USB 2.0 full speed compliant and bootable			
Security								
Security	Trusted Platform Module 1.2 (TPM 1.2) Chassis intrusion switch				Optional Chassis intrusion switch			
Environmental, Ergonomics & Regulatory Service & Support								
Standards	TC099, Blue Angel, Green PC, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA 99, SABS, SASO, TCO, TUV, UL, VCCI, USB 2.0, WEEE				TC099, Blue Angel, Green PC, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA 99, SABS, SASO, TCO, TUV, UL, VCCI, USB 2.0, WEEE			
Base Service	Three-Year Limited Warranty⁶ and Next Business Day On-Site Service⁷ (US Only)				Three-Year Limited Warranty⁶ and Next Business Day On-Site Service⁷ (US Only)			
Optional Service	Three-Year Same Day Four-Hour On-Site Response Service⁷, 5 days x 10 hours a day, Three-Year Same Day Four-Hour On-Site Response Service⁷, 7 days x 24 hours a day				Three-Year Same Day Four-Hour On-Site Response Service⁷, 5 days x 10 hours a day, Three-Year Same Day Four-Hour On-Site Response Service⁷, 7 days x 24 hours a day			

*EIST not available on 820 processors

not available on USFF

1. The term Gigabit Ethernet 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. 2. Up to 224MB of system memory may be allocated to support graphics, depending on system memory size and other factors.

3 The 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 system and will be less. 5. Discs burned with this drive may not be compatible with some existing drives and players; using DVD+R media provides maximum compatibility. 6. For a copy of Dell's guarantees or limited warranties, please write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682. For more information, visit www.dell.com/us/en/gen/services/service_service_plans.htm. 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.

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