

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. This helps to provide excellent image stability and a low ownership cost. The GX520 provides 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 the new Intel® Pentium® D dual-core processor.



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

- Provides quick and convenient status indication of your hard-drive activity, network connectivity and overall system health



Usability at your fingertips

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



Innovative BTX design

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



Innovative HyperCool™ system

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



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 offering on the small form factor chassis



Environmental peace of mind

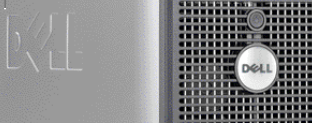
- Environmentally conscious design with RoHS-compliant configurations available¹
- Waste reduction via customer-selectable documentation and media at the point of purchase
- Compliant straight from the factory with ENERGY STAR®, TCO and Blue Angel
- Asset recovery and disposal services available

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

Easy as **DELL™**

Visit www.euro.dell.com for more information.



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SYSTEM

Dell™ recommends Microsoft® Windows® XP Professional

Operating Systems	Microsoft® Windows® XP Professional and Microsoft Windows XP Home Edition
Processor	(GX620) Intel® 945G chipset, Intel Pentium® D processor with Dual Core architecture, Intel Pentium 4 processor with the option of implementing Hyper-Threading Technology or Celeron D® processor (GX520) Intel 945G chipset with Intel Pentium 4 processor with Hyper-Threading Technology and Celeron D processor
Processor Features	(GX620) Intel Pentium D 800MHz FSB socket T with Dual Core technology XD, EM64T, 2x1MB L2 cache and EIST Intel Pentium 4 800MHz FSB socket T with HT, XD, EM64T, 2MB L2 cache and EIST Intel Pentium 4 800MHz FSB socket T with HT, XD, EM64T and 1MB L2 cache Intel Celeron D 533 MHz FSB Socket T with XD & EM64T and 256KB L2 cache (GX520) Intel Pentium 4 800MHz FSB socket T with HT, XD, EM64T and 1MB L2 cache Intel Celeron D 533 MHz FSB Socket T with XD, EM64T and 256KB L2 cache
Memory	(GX620) Four DIMM slots (two DIMM slots on USFF chassis); non-ECC dual-channel shared ³ DDR2 SDRAM system memory (533MHz) up to 4GB ⁴ (GX520) Two DIMM slots non-ECC dual-channel shared ³ DDR2 SDRAM system memory (400 and 533MHz)
Video Graphics Controller	Integrated Intel Graphics Media Accelerator 950 DVI Adapter card (GX620); 128MB ATI® Radeon® X600SE with DVI and TV-out (GX620)
Hard Drive	40GB ⁵ , 80GB ⁵ and 160GB ⁵ 7200RPM serial ATA; 250GB ⁵ 7200RPM serial ATA available on GX620
Network Controller	Broadcom® 5751 Gigabit Ethernet LAN solution 10/100/1000 ⁶ Ethernet with Remote Wake-up and PXE support
Standard I/O Ports	Eight USB 2.0 (two front and six rear), USFF offers seven USB 2.0 (two front and five rear), one Ethernet (RJ45), one nine-pin serial (16550-compatible), one parallel (25-hole, bi-directional), one 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)
Dimensions	Small form factor 31.63cm x 9.26cm x 34cm Desktop 39.59cm x 11.43cm x 34.77cm Mini-tower 41.14cm x 18.96cm x 43.18cm Ultra-small form factor 26.3cm x 8.9cm x 25.28cm
Power Supply	(GX620) Small form factor 275W; Desktop 280W; Mini-tower 305W; Ultra-small form factor 220W (External) (GX520) Small form factor 220W; Desktop 220W; Mini-tower 230W
Monitors	15" E153FPb TFT Flat Panel, 17" E773c/s 17" E173FPb TFT Flat Panel, 17" M783 19" E193FPb TFT Flat Panel, 19" M993 UltraScan™ 15" 1505FP HAS TFT Flat Panel, UltraSharp™ 17" 1704FP TFT Flat Panel, UltraSharp 19" 1905FP TFT Flat Panel, UltraSharp 20" 2001FP TFT Flat Panel, UltraSharp 20" 2005FPW TFT Flat Panel, UltraSharp 24" 2405FPW TFT Flat Panel
All-in-one Solutions	UltraSharp 1706FP All-in-one (SF chassis) UltraSharp 1906FP All-in-one (SF chassis) (GX620) 1706FP All-in-one (USFF chassis)
Keyboard (105 Keys)	Dell Enhanced QuietKey™ USB, Enhanced Performance USB, Smart Card keyboard USB
Mouse	Dell USB two-button and Dell USB optical two-button scroll
Speakers	Internal Dell business audio speaker, Dell A215, Dell A425, AS500 and AS500PA sound bar available with select FP monitors
Removable Media Storage Devices	USB Floppy Drive, CD-ROM, CD-RW [#] , CD-RW/DVD Combo, DVD-ROM [#] and DVD+/-RW ⁸
USB Storage Keys	Dell USB Memory Key 128MB, 256MB and USB 2.0 full-speed-compliant and bootable
Security	Trusted Platform Module 1.2 (TPM 1.2) standard on the GX620 Chassis intrusion switch standard on GX620, optional on GX520
Standards	TC099, Blue Angel, Green PC, ENERGY STAR®, CECP, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA 99, SABBS, SASO, TCO, TUV, UL, VCCI, USB 2.0
Base Service	Three-Year Next Business Day On-Site ⁷
Optional Service	Custom Factory Integration, Gold Technical Support (GTS), Same Day Response (12x5), On-Site Hardware Support, CompleteCare™ Accidental Damage, PC Installation Services, Dell Training, Asset Recovery Services

CHASSIS SMALL FORM FACTOR, DESKTOP AND MINITOWER AVAILABLE

PERIPHERALS

STORAGE DEVICES

SECURITY

ENVIRONMENTAL ERGONOMICS & REGULATORY SERVICE & SUPPORT

Dell PCs use genuine Microsoft® Windows®
www.microsoft.com/piracy/howtotell

[#] not available on SF or USFF

Subject to availability, prices and specifications are correct at the date of publication and may change without notice. Dell's Terms and Conditions of Sale and Service apply and are available on request and at www.euro.dell.com. 1. Meets the requirements of the EU Restriction on certain Hazardous Substances directive dated 27 January, 2003. 2. The term Gigabit Ethernet does not connote an actual operating speed of 1Gbit/sec. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required. 3. Up to 24GB of system memory may be allocated to support graphics, depending on system memory size and other factors. 4. The total amount of usable memory available will be less than 4GB, depending on the actual system configuration. 5. For hard drives, GB means 1 billion bytes; actual capacity varies with preloaded material and operating system and will be less. 6. Discs burned with this drive may not be compatible with some existing drives and players; using DVD-R media provides maximum compatibility. 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. © 2005 Dell Computer Corporation. Dell, the Dell logo, DirectDetect, HyperCool, OptiPlex, QuietKey, UltraScan and UltraSharp are registered trademarks or trademarks of Dell Computer Corporation. Intel, the Intel Inside logo, Pentium and Celeron are registered trademarks or trademarks of Intel Corporation. Microsoft and Windows are registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. ATI and Radeon are registered trademarks of ATI Technologies, Inc. Broadcom is a registered trademark of Broadcom Corporation. ENERGY STAR is a registered trademark of the United States Environmental Protection Agency. Dell disclaims proprietary interest in the trademarks and names of others.

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For detailed environmental information go to:
www.dell.com/environment_datasheets

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