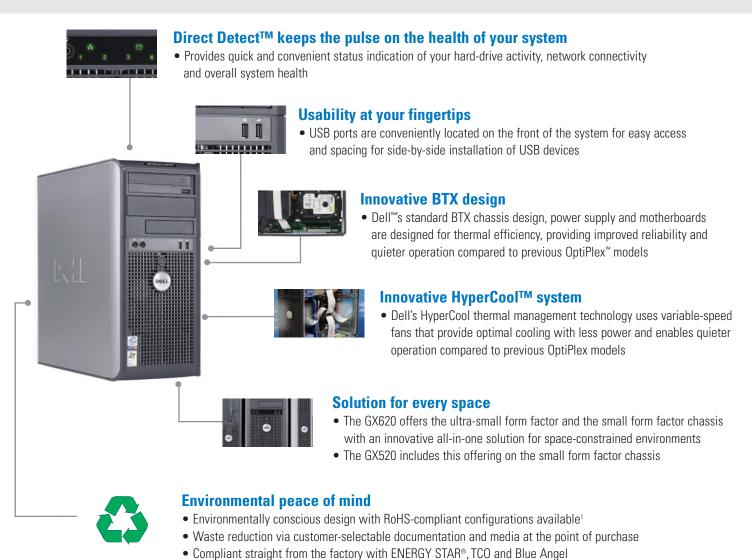# Dell OptiPlex GX620 and GX520

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 available[1]
- 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.

Dell™ recommends Microsoft® Windows® XP Professional

SYSTEM	**Operating Systems**	Microsoft® Windows® XP Professional and Microsoft Windows XP Home Edition
	Processor	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
	Processor Features	Intel Pentium D 800MHz FSB socket T with Dual Core technology XD, EM64T, 2x2MB 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
	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 (533MHz) up to 2GB
	Video Graphics Controller	Integrated Intel Graphics Media Accelerator 950
		DVI Adapter card (GX620); 128MB ATI® Radeon® X600SE with DVI and TV-out (GX620), ATI Radeon X600 256MB Dual Monitor Graphics Card (Dual DVI/VGA via optional cable)
	Hard Drive	40GB[5], 80GB[5] and 160GB[5] 7200RPM serial ATA; 250GB[5] 7200RPM and 80GB 10 000RPM serial ATA available on GX620
	Network Controller	Broadcom® 5751 Gigabit Ethernet LAN solution 10/100/1000[2] 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)
CHASSIS **SMALL FORM FACTOR, DESKTOP AND MINITOWER AVAILABLE**	**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
PERIPHERALS	**Monitors**	15" E156FPb TFT Flat Panel, 17" E773c/s
		17" E176FPb TFT Flat Panel, 17" M783
		19" E196FPb TFT Flat Panel,
		UltraSharp™ 17" 1707FP TFT Flat Panel,
		UltraSharp 19" 1907FP TFT Flat Panel,
		UltraSharp 20" 2007FP TFT Flat Panel,
		UltraSharp 20" 2007FPW TFT Flat Panel,
		UltraSharp 24" 2407FPW TFT Flat Panel
	All-in-one Solutions	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 A225, Dell A525, AS501 and AS501PA sound bar available with select FP monitors
STORAGE DEVICES	**Removable Media Storage Devices** . .	USB Floppy Drive, CD-ROM, CD-RW[6#], CD-RW/DVD Combo, DVD-ROM[6#] and DVD+/-RW[6]
	USB Storage Keys	Dell USB Memory Key 128MB, 256MB and USB 2.0 full-speed-compliant and bootable
SECURITY	**Security**	Trusted Platform Module 1.2 (TPM 1.2) standard on the GX620
		Chassis intrusion switch standard on GX620, optional on GX520
ENVIRONMENTAL ERGONOMICS & REGULATORY	**Standards**	TCO99, 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
SERVICE & SUPPORT	**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

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

\# not available on SF or USFF

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

Easy as DELL™

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