

CELSIUS® W350

The Gate to Workstation Performance

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CELSIUS workstations feature the very latest technology and system components to deliver high-end performance. They are the ideal choice for business segments like computer aided design and engineering, mechanical design, simulation, virtual reality, visualization, digital content creation, and finance. CELSIUS workstations are certified for a broad variety of software applications. The ISV certification process enables workstation users to run their preferred applications with the best possible performance and maximum system stability.

If you need more power and more expandability than a standard PC can offer, choose the high-end PC / entry-level workstation CELSIUS W350.

Performance

- Latest Intel® Core™ 2 Duo , Intel® Pentium® D, single core Pentium 4 or Celeron® D processor
- Ready for 64-bit computing
- Up to 8.0 GB DDR2-SDRAM for memory demanding applications
- PCI Express x16 to enabling the most powerful graphics subsystems
- RAID (0) support for SATA for high speed storage

Reliability

- Reliability enhancing features, like RAID (1, 5 and 10) for mission critical applications
- Developed and manufactured in Germany guaranteeing high quality, reliability and stability
- Individually tailored warranty, service, and spare part programs
- Choice of supply programs to meet both fast and tailored delivery needs

Manageability

- DeskView software suite for easy integration into existing IT environments
- Easy and remote administration with DeskView client management

Security

- Extensive built-in and optional security features providing
 - protection for business critical data
 - protection against physical tampering and theft
- Integrated TPM and SmartCard reader optionally available

Ergonomics

- Convenient front access to USB, audio, and optional SmartCard reader
- Lowest possible noise emission via optimized cooling
- Tuned graphics driver for best image quality and performance
- Reduced downtime with service-friendly cabinet and easy component access (EasyChange and FlexyBay)
- Optional medical kit for healthcare environments

Environment

- Design guidelines for eco-friendly products in respect to material and recycling
- Environmentally friendly product and ISO14001 certified manufacturing:
 - no dangerous waste during production,
 - lead-free printed circuit board (PCB) and soldering process,
 - significant reduction of lead and halogens to a minimum



System		CELSIUS W350
Operating Systems	Windows XP Professional	Opt. preinstalled
	Windows XP Professional x64 Edition ⁽⁴⁾	Opt. preinstalled
	Windows Vista™ Business 64-bit ⁽⁴⁾	Opt. preinstalled
	Windows Vista™ Business 32-bit ⁽⁴⁾	Opt. preinstalled
	Linux	RedHat / Novell certification on request
Mainboard	Microprocessor (SLC, FSB)	D2317 Intel® Core® 2 Duo E4300 (2MB, 800), E6300, E6400 (2 MB, 1066), E6600, E6700 (4 MB, 1066), Intel® Pentium® D 925, 945 (2 x 2 MB, 800), Intel® Pentium® D 820 (1 x 2 MB, 800), Intel® Pentium® 4 631, 641, 651 (2MB, 800) Intel® Celeron® D 360 (512 kB, 533)
	Chipset	Intel Q965
	Slots / Bays	7 (5 max. 312 mm): 1 x PCI Express x16, 1 x PCI Express x4 (mech. x8), 1 x PCI Express x1, 4 x PCI, 32-bit / 33 MHz
Memory	Amount ⁽¹⁾ and type DIMM slots	Max. 8 GB, DDR2-533 SDRAM or DDR2-667 SDRAM 4
Interfaces	Serial	1 x 9 pin, RS232
	Keyboard, mouse	2 x PS/2
	USB 2.0	2 x front, 6 x rear, 2 x internal
	LAN	1 x RJ-45
	Modem	Opt.
	IEEE 1394	Opt.
	Graphics	1 x VGA
	Front Audio	1 x headphone out, 1 x mic in
	Rear Audio	1 x line in, 1 x line out, 1 x mic in
	Speaker	Internal
I/O controller	Serial ATA Interfaces	On board for 4 HDDs, RAID 0/1/5/10 On board for 1 x 2 ODD
	LAN	Broadcom BCM 5755, 10/100/1000 Mbit/s, ASF 2.0
	Wireless LAN	Opt. (not supported with LINUX)
	Modem	Opt.
	Audio	Realtek ALC 260, HD audio
Graphics	Midrange 3D:	ATI Fire GL V5200, 256 MB, PCIe x16, 2 x DL DVI-I
	Entry 3D:	NVIDIA Quadro FX550, 128 MB, PCIe x16, 2 x SL DVI-I
	Multi monitor 2D:	NVIDIA Quadro NVS 285, 128 MB, PCIe x16, 2 x SL DVI-I Max. 2 NVIDIA Quadro NVS 285, 128 MB, PCIe x1, 2 x SL DVI-I Max. 3 NVIDIA Quadro NVS 440, 256 MB, PCIe x1, 4x SL DVI-I
Drives	Professional 2D:	NVIDIA Quadro NVS 285, 128 MB, PCIe x16, 2 x SL DVI-I NVIDIA GeForce 7300 LE, 128 or 256 MB, PCIe x16, 2 x SL DVI-I On board Intel Q965 chipset integrated, 1 x VGA, optional 1 x or 2 x DVI-D
	Floppy disk	3.5 inch, 1.44 MB, optional
	Hard disk ⁽²⁾	SATA-II 80, 160, 250, 500 GB, 7200 rpm
Chassis	Optical	SATA DVD 16/48, SATA CD RW / DVD combo 48/32/48/16, SATA SuperMulti DVD±R/±RW/RAM DL 2.4/5/4/8/8/10/16/10/24/32/40/16/40/48
	External drive bay	2 x 3.5 inch (FDD), 2 x 5.25 inch
	Internal drive bay	4 x 3.5 inch (HDD)
Electrical	Power supply	300 W, 100 - 240 V, 50 - 60 Hz, switched
	Typical power consumption	100 W, depending on configuration
Ambience	Ambient temperature	15-35° C according to IEC 721
	Relative humidity	20-80% according to IEC 721
	Noise emission values	21 dB idle mode, 23 dB office mode; according to ISO 9296 (LpAm at bystander position); depending on configuration
	Dimensions (H x W x D)	442 x 203 x 426 mm
	Weight	Approx. 16 kg, depending on configuration
Standards	Product safety	IEC60950, UL60950, CSA C22.2 No. 60950,
	Ergonomics	GS EK1-ITB2001
	Electromagnetic compatibility	EN55022 / CISPR22, EN5524 / CISPR24, EN61000-3-2/-3, CSA C108.8, IEC60601-1-2 ⁽³⁾ , ICES 003, FCC class B
Security	CE mark	89/336/EEC (EMI), 73/23/EEC (product safety)
	Cabinet security features	Cabinet lock option, seal option, anti-theft function, Kensington Lock support, intrusion detection, SmartCard reader optional
	BIOS security features	Write protect for EEPROM, boot protection, system and setup password, password and disabling functions for many system components
	Component security features	S.M.A.R.T. SATA HDD, TPM optional
Manageability⁽⁴⁾	Software	Opt. SmartCase™ Logon+
	DeskView 10.x	Client management
Accessories	Drivers and Utility DVD ⁽⁵⁾	Manuals, drivers and utilities, DeskView, Norton Internet Security
Peripherals	Mouse	Wheel mouse, opt. optical wheel mouse
	Display	Display SCENICVIEW P24-1W (26361-K1043-V150)
	3D-Input Device	SpacePilot (S26381-K412-L100)
Miscellaneous		SpaceTraveller (S26381-K414-L100)
	Medical infrastructure	Medical kit (S26361-F2542-E240)

(1) In configurations above 3 GB the usable memory can be reduced (depending on system configuration and operating system).

(2) 1 GB equals one billion bytes, when referring to hard disk drive capacity; accessible capacity may vary, also depending on used software and tools.

(3) Optional medical kit is mandatory

(4) Some configuration restrictions may apply

(5) Not all software components, delivered on DU-DVD may be compatible with Windows XP Professional x64-Edition.