

CELSIUS[®] H240 Workstation power in notebook format

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CELSIUS workstations are powerful systems that make your work run smoother and faster. They are optimized and certified for leading workstation applications with maximum performance and reliability based on the latest processor and graphics technology.

This makes CELSIUS the right choice for all types of calculations and graphics-intensive applications, like computer aided design, digital content creation, visualization, simulation and virtual reality.

If you need a notebook with more processor power, more graphics power, higher screen resolution and full ISV certification, opt for the mobile flagship CELSIUS H240.

Performance

- Intel® Core™2 Duo processors
- Prepared for Intel® Centrino® Duo Mobile Technology
- Max. 4.0 GB DDR2 667 / 533 MHz SDRAM for memory demanding applications
- Professional 256 / 512 MB OpenGL PCI-Express workstation graphics
- High speed hard disk drives for faster storage access
- Robust chassis with magnesium LCD-lid

Reliability

- Highest quality design with magnesium lid
- Hard disk drive ShockSensor minimizes data loss and guarantee a higher reliability of your data
- Spill-proofed keyboard offers protection against system damage caused by accidental spills
- Certification of all relevant workstation applications to ensure ISV support

Security

- Trusted platform module (TPM) provides more secure applications and makes transaction trust worthy
- Maximum of security for the own data with integrated fingerprint¹ sensor and SmartCase™ Logon+ security software
- Software for complete virus protection

Manageability

- Reduce Total Cost of Ownership with a comprehensive set of system management features
- Easy and remote administration with DeskView client management Microsoft Windows XP Professional optionally preinstalled

Ergonomics

- Brilliant 15.4 inch WUXGA high resolution display, with ultra-wide viewing angle
- Independent sets of mouse buttons for touch-pad and touch-stick
- Support for Port Replicator II to easily connect and disconnect to the office environment
- Special medical kit for healthcare environments optional

Environment

- Full compliance with RoHS
- Environmentally friendly product design in respect to material and recycling
- ISO14001 certified manufacturing

Connectivity

- Bluetooth, Wireless LAN optional integrated
- Highest connectivity with embedded UMTS
- New Port Replicator optionally available for simple connection to all your peripherals



System		CELSIUS H240
Operating Systems	Windows XP Professional	Optionally preinstalled
	Windows XP Professional x64 Edition (4)	Optionally preinstalled
	Windows Vista™ (6)	Capable and Premium Ready
	Windows 2000	Tested
	Linux	RedHat / Novell certification in progress
Mainboard		
	Microprocessor (SLC, FSB)	Intel® Core™ 2 Duo Processor T5500, T5600 (2MB, 667), T7200, T7400, T7600 (4 MB, 667)
	Chipset	Intel 945PM Express
	Slots / Bays	1 x PC Card (Type I/II), 1 x Express Card 34/54, 1 x SmartCard, 1 x SD / MMC
Memory	Amount (1) and type	Max. 4 GB, DDR-2 667 / 533 SODIMM
	DIMM slots	2
Interfaces	Serial	1 x 9 pin, RS232
	Parallel	1 x 25 pin, EPP and ECP
	Keyboard, mouse	-
	USB 2.0	1 x side, 3 x rear
	LAN	1 x RJ-45
	Modem	1 x RJ-11
	IEEE 1394	1 x front
	IrDa	1 x V1.1
	Graphics	1 x VGA
	Front Audio	1 x audio out, 1 x S/PDIF, 1 x audio in
	Speaker	2 x
	I/O controller	Fast IDE/ Ultra DMA-100
Serial ATA Interfaces		on board for 1 x 1 drive
LAN		Marvell 88E8055, 10/100/1000 Mbit/s, WoL;
Wireless LAN		Intel PRO/Wireless 3945 a/b/g, Atheros Minicard 802.11 b/g (LiteOn WN6301A) opt.
Bluetooth(4)		opt. V2.0,
UMTS(4)		opt. integrated, supporting HSDPA, GPRS and EDGE
Modem		Azalia I/F Modem (MDC1.5)
Audio	ALC262, HDA	
Graphics	Mobile	ATI Mobility FireGL V5200, 256/512 MB
	Ext. display support	VGA, 1920 x 1200, 16M colors
	PortRep. display	DVI-D & VGA, 2048 x 1536, 16M colors
	LCD Panel	15.4 inch, WUXGA, 1920 x 1200
Drives	Floppy disk	external USB, 3.5 inch, 1.44 MB, optional
	Hard disk(2)	SATA 60, 80, 120 GB, 5400 rpm, 100 GB, 7200 rpm; 2 nd HDD SATA 60, 80, 120GB, 5400 rpm, 100 GB, 7200 rpm
	Optical	ATAPI DVD ATAPI CD RW / DVD combo ATAPI DVD±R/±RW, DL
Chassis	External drive bay	1 x FlexiBay (ODD, HDD or 2nd battery)
	Internal drive bay	1 x 2.5 inch (HDD)
Electrical	Power supply	80 W, 100 - 240 V, 50 - 60 Hz, output DC 19 V
	Typical power consumption	1st battery: 14.4 V, 5200 mAh, 8 cells; 2nd battery: 10.8 V, 3800 mAh, 6 cells; Battery runtime (Mobile Mark 2005): 1st battery up to 4.5 h, both batteries up to 8 h
Ambience	Ambient temperature	5-35° C according to IEC 721
	Relative humidity	20-85% according to IEC 721
	Noise emission values	22 dB (A) idle mode, 35 dB (A) full operation mode; according to ISO 9296 (LpAm at bystander position); depending on configuration
	Dimensions (H x W x D)	35 x 360 x 260 mm
Standards	Weight	2.65 kg, depending on configuration
	Product safety	IEC60950, UL60950, CSA C22.2 No. 60950
	Ergonomics	GS EK1-ITB2001
Security	Electromagnetic compatibility	EN55022 / CISPR22, EN55024 / CISPR24, ETSI EN 301 893, EN61000-3-2/-3, FCC class B, EN 300 328-2:2004, EN 301 489-1/-17, IEC 60601-1-2 (3) (EMI and product safety) 89/336/EEC (EMI), 73/23/EEC (product safety)
	CE mark	(EMI and product safety) 89/336/EEC (EMI), 73/23/EEC (product safety)
	Cabinet security features	Kensington lock support, SmartCard reader, fingerprint sensor(4)
Manageability (4)	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. Ultra-DMA and SATA HDD, TPM optional
	Software	SmartCase Logon+(4), Norton Internet Security, Liquid View(4)
Accessories	DeskView 10.x	Desk Alert, DeskFlash, DeskInfo, DeskOff, DeskWoL, DeskView browser Client management
Peripherals	Drivers and Utility DVD (5)	Manuals, drivers and utilities, DeskView, Norton Internet Security
	Mouse	optional: Wheel mouse, optical wheel mouse
	Display	Display SCENICVIEW P24-1W (26361-K1043-V150)
	3D-Input Device	SpacePilot (S26381-K412-L100)
		SpaceTraveller (S26381-K414-L100)

(1) In configurations with 4 GB the visible memory can be reduced to less than 3 GB (depending on system configuration).

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

(3) In combination with an optional medical kit, specially designed for CELSIUS H240, the system can be used also in medical environments.

(4) Some restrictions in combination with Windows XP Professional x64 Edition may apply

(5) Battery life may vary depending on product model, configuration, and applications. Power management settings and features utilized. Battery recharge time depends on usage.

(6) Not all Windows Vista™ features are available for use on all Windows Vista Capable PCs. All Windows Vista Capable PCs will run the core experiences of Windows Vista, such as innovations in organizing and finding information, security, and reliability. Some features available in premium editions of Windows Vista -- like the new Windows® Aero™ user interface -- require advanced or additional hardware. Check www.windowsvista.com/getready for details.