

DATA SHEET

CELSIUS H265

Your mobile workstation

Issue: April 2009

CELSIUS H265

No more compromises on graphics performance even when constantly running power-hungry 3D applications. Say hello to a true visual experience. The portable CELSIUS H265 offers the performance of a comprehensively equipped workstation at the price of a high-end Notebook - including certification for leading workstation applications.



Workstation performance

Higher productivity thanks to mobile workstation performance.

- Intel® Centrino® 2 with vPro™ technology and professional NVIDIA graphics

Convenient working

A very high degree of mobility due to optimized weight and form factor.

- 15.4-inch WUXGA or WSXGA+ display, less than 3 kg



Unlimited connectivity

Access to your data, wherever you are, anytime, anywhere

- Integrated 3G/UMTS, WLAN and Bluetooth.

Certified applications

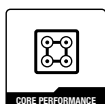
Guaranteed stability, compatibility and performance for leading workstation applications.

- System certifications in close cooperation with Independent Software Vendors (ISV)

Built to order

Free configurability for all product lines

- Customer is given a system optimized for his requirements



Components

Processor	Intel® Core™2 Duo T9800 (2.93 GHz, 6 MB, 1066 MHz) Intel® Core™2 Duo T9600 (2.8 GHz, 6 MB, 1066 MHz) Intel® Core™2 Duo T9550 (2.66 GHz, 6 MB, 1066 MHz) Intel® Core™2 Duo P8700 (2.53 GHz, 3 MB, 1066 MHz) Intel® Core™2 Duo P8600 (2.4 GHz, 3 MB, 1066 MHz)
Memory modules	4 GB (1 module(s) with 4 GB, DDR3), 1066 MHz 2 GB (1 module(s) with 2 GB, DDR3), 1066 MHz 1 GB (1 module(s) with 1 GB, DDR3), 1066 MHz
Hard disk drives (internal)	500 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T. 320 GB, 7200 rpm, SATA, 2.5-inch S.M.A.R.T. 320 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T. 160 GB, 7200 rpm, SATA, 2.5-inch S.M.A.R.T. 160 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T. 160 GB, 5400 rpm, FDE-3, 2.5-inch S.M.A.R.T. 64 GB SSD SATA, 2.5-inch
Hard disk notes	One Gigabyte equals one billion bytes, when referring to hard disk drive capacity.
Display	15.4-inch TFT 1920 x 1200 pixel (WUXGA) non-glare display 15.4-inch TFT 1680 x 1050 pixel (WSXGA+) non-glare display
WLAN (optional)	Atheros Minicard b/g 802.11 b/g Intel® Wireless WiFi Link 5300 AGN 11/13ch
UMTS/HSUPA (optional)	Option GTM 382 (downlink 7.2 MBit/s, uplink 2.0 MBit/s)
Bluetooth (optional)	Bluetooth 2.1
Modular bay options	2nd battery Blu-ray combo drive DVD Super Multi Weight saver
Base unit	CELSIUS H265
General system information	
Chipset	Intel® PM45 Express, Intel® 82801IEM (ICH9M-E)
Memory slots	2 SODIMM
Turbo memory	Optional 4 GB
Supported capacity RAM (max.)	8 GB
Memory notes	In configurations with 4 GB and more the visible memory may be reduced to approximately 3.5 GB or less (for 32 bit operating systems) and configurations with 8 GB the visible memory may be reduced to approximately 7.5 GB or less (depending on system configuration).
Interfaces	
DC-in	1
Audio: in	1
Audio: out / SPDIF	1
Internal microphones	2
Internal speakers	2
USB 2.0 total	4
DVI	1 (DVI-I Dual Link with HDCP support), maximal resolution 2560 x 1600 pixel (QWXGA)
Serial (RS-232)	1 (9 pin)
Ethernet (RJ-45)	1
Parallel	1 (25 pin)
FireWire (IEEE1394)	1
Modem (RJ-11)	1, optional
ExpressCard slots	1
PC Card slot (Type I/II)	1
SmartCard slot	1

Interfaces	
SIM card slot	1
Multicardreader	1 (SD / MMC / MS / MSPro / XD supported)
eSATA	1 (combined with USB, powered with 5V / 1A)
Wired communication	
Modem type	Optional: 56 K V.92 modem MDC1.5
LAN	Built-in 10/100/1000 MBit/s Intel® 82567LM
Wireless technologies	
Infrared link (Fast IrDa 1.1, 4 Mbps)	Yes
Bluetooth	Optional
WLAN	Optional
UMTS	Optional
Input device / components	
	Optional: TouchStick TouchPad with two mouse buttons and scroll via fingerprint sensor Second set of mouse buttons EcoButton LockWorkstation button MobilityCenter button Status LCD Fingerprint sensor Wireless button Info button
Multimedia	
Audio codec	Realtek ALC262
Audio features	High Definition audio, 2 internal microphones, 2 internal speakers
Camera	Optional: Built-in Conference Camera, 1.3 megapixel
Slots	
Mini PCI slots	3 (internal)
Graphics	
Graphics brand name	NVIDIA® Quadro FX 770M, 32-core CUDA parallel computing processor, 128-bit memory interface, 256MB (dedicated), DirectX 10, Shader Model 4.0, OpenGL 2.1
Dedicated video memory	256 MB (GDDR3 VRAM)
I/O controller on board	
Serial ATA total	2
Power supply	
AC adapter	20 V / 120 W (6.0 A)
Rated voltage range	100 - 240 V
Rated frequency range	50 - 60 Hz
1st battery	Li-Ion battery 8-cell, 5200 mAh, 74.9 Wh
2nd battery	Optional: 2nd Li-Ion battery 6 cell, 3800 mAh, 41 Wh
Battery features	Dynamic charge supported (rapid charge)
Benchmark	Mobile Mark 2005
Runtime 1st battery	3.5 h
Runtime 1st + 2nd battery	5 h
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.
Dimensions / Weight / Environmental	
Dimension (W x D x H)	363 x 260 x 38 mm
Weight	3 kg
Weight notes	Weight may vary depending on actual configuration
Operating ambient temperature	5 - 35°C
Operating relative humidity	20 - 85 %

Operating system

Operating system optional preinstalled	Microsoft® Windows Vista® Business 64bit Microsoft® Windows Vista® Business 32bit
Operating system compatible	Microsoft® Windows® XP Professional x64 Edition Microsoft® Windows® XP Professional Linux
Operating system notes	RedHat / Novell certification pending For some configurations third party drivers are currently not available or configuration restrictions may apply.

Additional Software

Additional software (optional)	Recovery DVD TwinLoad
Additional software (included as a CD/DVD)	Drivers & Utilities DVD (DUDVD) optional Norton Internet Security (incl. Firewall) 90 days (trial)

Manageability

Manageability type	DeskView 10
Manageability link	http://ts.fujitsu.com/manageability

Security

Physical security	Kensington Lock support
System security	Optional: Trusted platform module (TPM 1.2) Write protect option for the Flash EPROM
User security	SystemLock BIOS SmartCard security Separate SmartCard slot Integrated Fingerprint Sensor Hard disk password User and supervisor BIOS password SmartCase Logon+ incl. Fingerprint software

Compliance

Germany	GS
Europe	CE
USA/Canada	CSA FCC Class B (Depending on wireless configuration)
Global	RoHS (Restriction of hazardous substances)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

Portreplicator interfaces (optional)

DC-in	1
Power on switch	1
Headphones	1
Audio: microphone in	1
USB 2.0 total	4
VGA	1
DVI	1, DVI-D single link, maximal resolution 1920 x 1200 pixel (WUXGA)
Serial (RS-232)	1
Mouse / Keyboard (PS/2)	1
Ethernet (RJ-45)	1
Parallel	1
Kensington Lock support	2
eSATA	1

Warranty

Service level	(depending on country)
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Maintenance and Support Services - the perfect extension

Recommended Service	5x9, Response Time: Next Business Day
Service Weblink	http://ts.fujitsu.com/Supportservice

Information about environmental care, policies, programs and our Environmental Guideline FSC 03230:

<http://ts.fujitsu.com/aboutus>

Take back and Recycling information:

<http://ts.fujitsu.com/recycling>

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