

CELSIUS H270 Your mobile workstation

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Fujitsu Siemens Computers is the leading European IT manufacturer. With a strategic focus on innovative mobility and the dynamic data center, we offer a unique range of products and services from notebooks and desktops to servers and IT infrastructure solutions. Famous German engineering and exceptional in-house quality testing capabilities in our test centers ensure extraordinary product quality and reliability across all product lines.

CELSIUS H270

No more compromises on graphics performance even when constantly running demanding power-hungry 3D applications. Say hello to a true visual experience. The portable CELSIUS H270 offers its entire performance from a fully equipped workstation at any place - with comprehensive certification for a large number of leading workstation applications.

Workstation performance

Higher productivity thanks to mobile workstation performance.

- High-end NVIDIA graphics, Intel® Centrino® 2 with vPro™ technology or Intel® Core™2 Extreme processors

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 for ISV's

Guaranteed stability, compatibility and performance for the main workstation applications.

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



Components

Processor	Intel® Core™2 Extreme X9100 (3.06 GHz), 6 MB, 1066 MHz Intel® Core™2 Duo T9600 (2.8 GHz), 6 MB, 1066 MHz Intel® Core™2 Duo T9400 (2.53 GHz), 6 MB, 1066 MHz Intel® Core™2 Duo P8600 (2.4 GHz), 3 MB, 1066 MHz Intel® Core™2 Duo P8400 (2.26 GHz), 3 MB, 1066 MHz
Memory modules	2 GB (1 x 2 GB, DDR3), 1066 MHz 1 GB (1 x 1 GB, DDR3), 1066 MHz
Hard disk drives (internal)	320 GB, 7200 rpm, SATA, 2.5 -inch S.M.A.R.T. 160 GB, 7200 rpm, SATA, 2.5 -inch S.M.A.R.T. 120 GB, 5400 rpm, SATA, 2.5 -inch S.M.A.R.T.
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) 15.4-inch TFT 1680 x 1050 pixel (WSXGA+)
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, uplink 2.0)
Modular bay options	2nd battery Blu-ray combo drive DVD Super Multi Weight saver
Base unit	CELSIUS H270
General system information	
Chipset	Intel® PM45 Express, Intel® 82801IEM (ICH9EM)
Memory slots	2 SODIMM
Turbo memory	Optional 4 GB
Supported capacity RAM (max.)	8 GB
Memory notes	When Technology becomes available. 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)
Serial (RS-232)	1 (9 pin)
LAN / Ethernet RJ-45	1
Parallel	1 (25 pin)
IEEE1394 (FireWire)	1
Modem RJ-11	1, optional
ExpressCard slots	1
PC Card slot (Type I/II)	1
SmartCard slot	1
SIM card slot	1
Multicardreader	1 x for SD, MMC, MS, MS-Pro and XD
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
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	Latest generation of high-end NVIDIA® graphics
Shared video memory	256 MB
Dedicated video memory	512 MB (GDDR3 VRAM)
Video memory total	768 MB

Power supply	
AC adapter	20 V / 120 W (6.0 A)
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	
Operating ambient temperature	5 - 35 °C
Operating relative humidity	20 - 85 %
Dimension without stand (W x D x H)	363 x 260 x 38 mm
Weight	3 kg
Weight notes	Weight may vary depending on actual configuration.

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

Additional Software	
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://www.fujitsu-siemens.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
All	RoHS (Restriction of hazardous substances) Medical certification IEC60601-1-2 in combination with optional medical kit
Compliance link	https://sp.fujitsu-siemens.com/sites/certificates/default.aspx

Portreplicator interfaces (optional)	
DC-in	1
Power on switch	1
Headphones	1
Microphones	1
USB 2.0 total	4
VGA	1
DVI	1, DVI-D Single Link
Serial (RS-232)	1
PS/2 (mouse / keyboard)	1
LAN / Ethernet RJ-45	1
Parallel	1
Kensington Lock support	2
eSATA	1

Information about environmental care, policies, programs and our Environmental guideline FSC03230:

<http://www.fujitsu-siemens.com/aboutus>

Take back and Recycling information:

<http://www.fujitsu-siemens.com/recycling>

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