Data Sheet

We make sure

FUJITSU COMPUTERS
SIEMENS

CELSIUS® H210
Workstation power in notebook format

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CELSIUS workstations are equipped with the very latest technology and system components to deliver high-end performance. They are the ideal hardware choice for business segments like computer aided design and engineering, mechanical design, simulation, virtual reality, visualization, digital content creation, and finance. CELSIUS are certified for a huge variety of software applications, guaranteeing optimum performance whatever your preferred software solution.

If you need more processor power, more graphics power, higher screen resolution and full ISV certification, opt for the mobile workstation CELSIUS H210.

Performance
- Intel® Pentium® M Processor 725, 735, 745 or 756
- Prepared for Intel® Centrino™ Mobile Technology
- Max. 2.0 GB DDR SDRAM for memory demanding applications
- Professional 128MB OpenGL workstation graphics
- High speed hard disk drives for high speed storage access
- Robust chassis with magnesium LCD-lid

Reliability
- Certification of all relevant workstation applications to ensure ISV support
- Your choice of supply for on-time and tailored delivery: value4you, made4you
- Warranty, service, and spare part supply to suit your individual needs

Security
- Secure access and protection for your business critical data by BIOS and HDD password
- Optional PCcard SmartCard reader
- SecureIT: software suite for easy integration into your IT environment
- Input panel for security code (boot lock protection)

Manageability
- ManageIT: software suite for easy integration into existing IT environments
- Microsoft Windows XP Professional optionally preinstalled
- Certification for Linux (RedHat, SuSE) on request

Ergonomics
- Ergonomic placement of external interfaces for easy handling
- Support for PortReplicator to easily connect and disconnect to the office environment
- Status display for your information

Environment
- Design guidelines for eco-friendly products in respect to material and recycling
- Environmentally friendly product and ISO14001 certified manufacturing.
- Energy star for low energy consumption

System	CELSIUS H210
Operating Systems	
Windows XP Professional	optional

Fujitsu Siemens Computers recommends Microsoft® Windows® XP Professional for versatile mobile computing.

Mainboard:	
Intel® Pentium® M Processor	725, 735, 745 or 756
Front Side Bus (FSB)	400 MHz
Second-level cache	2 MB
Memory	max. 2 GB, DDR SDRAM, SO-DIMM, DDR333
DIMM slots	2
Chipset	Intel 855GME

Interfaces	
Serial	1 x 9-pin, RS-232
Parallel	1 x 25-pin, ECP
Keyboard / mouse	1 x PS/2
USB 2.0	3 x rear, 1 x side
LAN	1 x RJ-45
Modem	1 x RJ-11
IEEE1394	1 x side
IrDA	1 x V1.1
Video-Out	1 x 7-pin
Audio	1 x headphone out / S/PDIF, 1 x mic in
PortReplicator	1 x

Communication	
LAN	Broadcom BCM 5705M, 10/100/1000 Mbit/s, WoL
Wireless LAN	Intel Wireless/PRO 2200BG, 11ch, 802.11b/g,
or	Intel Wireless/PRO 2200BG, 13ch, 802.11b/g
or	Atheros, 11ch, 802.11a/b/g
Bluetooth	ALPS
Modem	global modem V.92

Audio	ALC203 controller (AC97)
Speakers	2 x internal

Graphics subsystems Professional 3D:	
Graphics controller	ATI FireGL T2e, 128MB, AGP4x
LCD panel	15 inch, UXGA, 1600 x 1200, 16M colors
Ext. monitor support	VGA, 1600 x 1200, 16M colors, 85 Hz
PortRep. Monitor	DVI, 1600 x 1200

Floppy disk drive	optional ext. USB FDD

Hard disk drives	
Ultra DMA (SMART support)	80 GB[1], 5400 min^{-1}
	60 GB[1], 4200 min^{-1}
	60 GB[1], 7200 min^{-1}

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

Optical drives	
ATAPI DVD	8/24–speed
ATAPI CD RW / DVD combo	24/10/24-speed
ATAPI DVD±R/±RW / DVD	24/10/24/8-speed

Keyboard / mouse	
Keyboard	int. full-size keyboard, keypitch 19mm, touchpad with 2 buttons, 1 scroll button and touchstick
Mouse	wheel mouse, optional optical wheel mouse, optional
SpaceMouse	optional

Slots	2 x PCCard (2 x Type I/II or 1 x Type III) 1 x SD / MMC

Drive bays	2
Internal	1 x 2.5 inch (HDD)
External	1 x FlexiBay (for ODD, HDD or 2nd battery)

Electrical values	
Power supply	DC 19V, 80 W, 100-240 V, 50-60 Hz
1st battery	14.4V, 4800mAh, 8 cells
2nd battery	10.8V, 3800mAh, 6 cells

Temperature/noise/dimensions/weight	
Ambient temperature	5-35° C acc. to IEC 721
Relative humidity	20-85% acc. to IEC 721
Noise emission values according to ISO 9296 [3] (LpAm at bystander position)	18 dB, idle mode 33 dB, full operation
Dimensions (H x W x D)	38 x 333 x 285 mm
Weight	3.2 kg[2]

Compliance with standards	
Product safety	IEC60950, UL60950, CSA22.2-60950
Ergonomics	GS EK1-ITB2001, TCO03
Electromagnetic compatibility	EN55022, CISPR22, EN5524, CISPR24, EN61000-3-2/-3, FCC class A, CSA C108.8
CE mark	89/336/EEC (EMI), 73/23/EEC (product safety)

Manageability
The DeskView 5.x manageability software contains the following modules: Desk Alert, DeskFlash, DeskInfo, DeskOff, DeskWoL and DeskView Browser
DeskView 10.x client management solution

Security features	
Chassis security features	Kensington lock support, security code input panel, smartcard reader optional
BIOS security features	write protect for EEPROM, system and setup password, password for HDD
Component security features	SMART HDD, TCG optional

Software	
Linux (RedHat, SuSE)	certification on request
Drivers and Utility CD (DUCD)	included
F-Secure virus scanner	on DUCD

[2] with 1st battery and ODD
[3] depending on configuration