CELSIUS® Mobile H
Outstanding computing power and graphic performance

CELSIUS Mobile sets the standard in the market of Intel based mobile workstations.
If you demand outstanding performance in different business fields like construction, simulation, finance or multimedia purposes and still want to be mobile – then this is the product of your choice.
BIOS-Lock password system and hard disk drive protection, integrated fingerprint solution and native support for SmartCards make the CELSIUS Mobile Series the most secure mobile family in the world. The modular design makes expansion a 5 second exercise with a variety of available devices.

System:

- Intel® Mobile Pentium® III processor 1.13 GHz with SpeedStep™ technology for improved battery life

Audio

- Five channel digital Dolby sourround system

Graphics / Display:

- 15.1"-TFT-UXGA display

- professional Workstation graphics with Quadro2 Go, 64 MB video memory and TwinView

- Certified for various CAD and DCC applications

Ease of Use:

- Detachable keyboard for ergonomic working

- Ease of use through FlexiBay concept for DVD/CD-RW / Combo drive, second battery, up to three HDDs, LS-240 drive, ..

Security:

- Boot lock via fingerprint sensor or password

- Integrated SmartCard reader

Connectivity:

- Optimal connectivity through built-in 56 Kbps V.90 international modem and 10/100 MB/s Ethernet LAN adapter or alternatively FireWire (OHCI compliant) and and 10/100 MB/s Ethernet LAN adapter

- Digital and analogue video out (DVI-I), fast Infrared link (Fast IrDa 1.1) and 2 USB ports

Data Sheet

www.fujitsu-siemens.com

FUJITSU COMPUTERS
SIEMENS

System, processors, architecture
Intel® Mobile Pentium® III processor 1.13 GHz with
SpeedStep™ technology
512KB second-level cache on-die

BIOS and chipset
Phoenix NoteBIOS 4.06
Intel® 830 EM chipset

Memory
2 memory slots, SDRAM, PC 133 modules
max. 1 GB

Standard devices / drives
30 GB or 48 GB IDE hard disk (UDMA 100)
Combo CD-RW / DVD, LS-240 drive in FlexiBay
Li-Ion battery in FlexiBay

FlexiBay
LS 240	240 MB, standard
Combo CD/RW-DVD	standard
DVD	optional
CD/RW	optional
2nd/3rd Hard disk	optional (30/48 GB)
2nd Battery pack	optional

Display
	LCD-TFT 15" UXGA
Display diagonal	38.3 cm (15")
Resolution LCD	1600 x 1200
Color depth	32-bit
Brightness	> 150 cd/m²
Resolution external monitor	max. UXGA, 1600 x 1200

Graphics processor
NVIDIA Quadro2 Go, 4x AGP,
64 MB Video memory, DDR-RAM, TwinView

ext. Resolutions	Colors	Refresh rates (max.)
800 x 600	True Color	120 Hz
1024 x 768	True Color	120 Hz
1280 x 1024	True Color	100 Hz
1600 x 1200	True Color	85 Hz

Audio
ESS Allegro. 16-bit stereo sound,
SoundBlaster™ Pro compatible, (3D-Sound full-duplex)
Integrated microphone, two built in stereo speakers
Optical digital audio output (SPDIF)

Keyboard and pointing device
Detachable full-sized keyboard with Windows keys
TouchPad pointing device

I/O interfaces
1 x fast infrared link (IrDa 1.1, 4 MB/s)
2 x type II or 1 x type III PC Card slots:
    (32-bit Card Bus & ZV support)
2 x USB ports , 1 x serial port, 1x parallel port
1 x PS/2 for external keyboard /mouse (with Y-cable)
1 x DVI-I (digital and analogue video out)
    (adapter DVI-I / VGA included)
1 x line out combined with SPDIF out
1 x microphone in, 1 x headphone out

Communications
Built-in V.90 international modem and 10/100 MB/s LAN
combination or alternatively
IEEE 1394 FireWire

Mobile management
PXE (only combined with built-in LAN), DMI 2.0 and WfM 2.0
compliance

Security functions
Boot lock via fingerprint sensor
Password protection for system, setup, hard disk,
Boot protection for floppy disk drive and PCCard
Deactivation of serial and parallel interface
Kensington Lock device
SmartCard reader (integrated, separate slot)
Anti-virus program

Power system
Li-Ion battery, 9 cell, 11.9 V, 6000mAh, 66Wh,
External Mini AC adapter	100 - 240 V / 50 - 60 Hz
AC voltage range	100 - 240 V (automatic)
Rated frequency	50 - 60 Hz (automatic)
max. power output of	19 V, 4.2 A
power supply	80 W
Dimensions (H x W x D)	30 x 132 x 58 mm
Weight	375 g excluding power cord

Up to 3 hours with 1 battery, 6 hours with 2nd battery installed
(ZD BatteryMark 2.0)

Operating system / software
Windows NT/2000 Dual Installation,
Adobe Acrobat Reader v4.0
Phoenix Card Executive and Power Panel utilities for Windows NT
Easy CD Creator, Direct CD
WinDVD for MPEG II decode (Windows NT/2000)
Easy Guide on-line user documentation
Ready to Experience Windows XP
Fujitsu Siemens Computers PC use genuine
Windows® Operating Systems
www.microsoft.com/piracy/howtotell

Compliance with standards
Product safety	EN60950/IEC60950
	UL1950, CSA22.2 No.950
Ergonomics	ISO9241
Electromagnetic	EN55022/B, EN50082-1
compatibility	FCC class B
CE mark	to EU Directives,
	89/336/ECC(EMV)

Approvals
There is general compliance with the safety requirements of all
European countries and North America. National approvals
required in order to satisfy statutory regulations or for other
reasons (e.g. for Canada and USA, eastern European
countries, Norway) on request.

Operating conditions
5° C to 35° C degrees (ambient temperature)
Sound pressure level   < 32 dB(A) at workplace
20 % to 85 % relative humidity, non-condensing

Dimensions and weight
340 x 278 x 42 mm
3.3 kg (including battery and DVD)

Warranty	Country-specific