

Fujitsu recommends Windows® 7.

Data Sheet

Fujitsu CELSIUS H910-Master Mobile Workstation

Your mobile video powerhouse

CELSIUS H910-Master

The Fujitsu CELSIUS H910-Master delivers serious power in a 43.9 cm (17.3-inch) notebook form factor. Featuring an Intel® Core™ i7 processor and muscular NVIDIA® Quadro® 3000M graphics, this CELSIUS H910 delivers real-time rendering for software such as Premiere® Pro, and supports the full Adobe application family. 240 obscenely powerful CUDA cores drive Adobe's Mercury Playback Engine allowing you to tear through multiple parallel workflows. It is the ideal choice for the Adobe CS5.5 Master Collection, no matter where your work takes you.

High-end workstation performance

Highest productivity thanks to mobile workstation performance

- High-end professional NVIDIA® Quadro® graphics with 240 CUDA cores; boost productivity with second generation Intel® Core™ i7 Extreme processors with vPro™ technology

Superior performance and reliability

Higher productivity and speed thanks to larger screen and second HDD

- 43.9 cm (17.3-inch) Full HD LED backlight display and RAID 0 support with integrated second HDD

Unlimited connectivity

Online anywhere, anytime

- Optional integrated WLAN, 3G/UMTS and Bluetooth®

Ultimate security

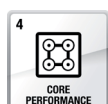
Protect your data from non-authorized access

- Integrated SmartCard reader and fingerprint sensor

ISV certification

Excellent performance and absolute stability in professional environments

- Comprehensive certification for workstation applications under Microsoft® Windows 7



Components

Processor	Intel® Core™ i7-2820QM processor (4 Cores / 8 Threads, 2.30 GHz, 8 MB)
Operating system	
Operating system	Genuine Windows® 7 Professional 64-bit
Operating system compatible	Genuine Windows® 7 Professional 32-bit Genuine Windows® 7 Professional 64-bit Genuine Windows® XP Professional Genuine Windows® XP Professional x64 Edition
Operating system notes	Driver support for Microsoft® Windows® XP Professional / 7 Professional
Memory modules	16 GB (4 module(s) 4 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM
Base unit memory	CELSIUS H910 4 Core
Supported capacity RAM (min.)	4 GB
Supported capacity RAM (max.)	32 GB
Memory slots total	4
Memory slot type	DIMM (DDR3)
Hard disk drives (internal)	SSD SATA, 256 GB, 2.5-inch, full disk encryption
Hard disk notes	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software
WLAN (optional)	Atheros Minicard b/g/n Intel® Centrino® 6205 802.11 a/b/g/n
Wireless technologies	
Antennas	2 Dual band WLAN antennas, 2 UMTS antennas
WLAN notes	Import and usage according to country-specific regulations.
3G/UMTS	Sierra Wireless Gobi 3000 (downlink 14.4 Mbit/s, uplink 5.76 Mbit/s)
Bluetooth (optional)	Bluetooth 3.0
Display	43.9 cm (17.3-inch), LED backlight, (Full HD), Anti-glare display, magnesium, 1920 x 1080 pixel
Modular bay	HDD SATA, 7200 rpm, 500 GB, 2.5-inch, S.M.A.R.T. DVD Super Multi
Base unit	CELSIUS H910 4 Core
General system information	
Chipset	Intel® QM67
BIOS features	BIOS based on Phoenix SecureCore
Graphics	
Max. resolution external display	2560 x 1600 pixel via DisplayPort and Dual Link DVI
Graphics brand name	NVIDIA® Quadro® 3000M
Graphics features	DualView
Dedicated video memory	2 GB (GDDR3 VRAM)
Interfaces	
DC-in	1
Audio: in	1
Audio: out	1
Internal microphones	1 digital array microphone

Interfaces

USB 2.0 total	3
USB 3.0 total	1
VGA	1
DisplayPort	1
Ethernet (RJ-45)	1
Kensington Lock support	1
Memory card slots	1 (SD/MS/MSPPro)
Express card slots	1
SmartCard slot	1
SIM card slot	1
eSATA	1

Wired communication

LAN	10/100/1000 MBit/s Intel® 82579 LM
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Keyboard

Spill-resistant keyboard
 Number of keyboard keys: 86, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm
 TouchStick (optional)
 Touchpad with two mouse buttons and scroll via fingerprint sensor
 Second set of mouse buttons
 EcoButton
 LockWorkstation button
 MobilityCenter button
 Fingerprint sensor

Multimedia

Audio type	On board
Audio codec	Realtek ALC269
Audio features	Stereo speakers, Internal microphone
Camera	Optional: Built-in webcam, 2.0 megapixel, VGA camera

Power supply

AC adapter	19 V / 210 W (11.05 A)
Rated voltage range	100 V - 240 V (AC Input)
Rated frequency range	50 Hz - 60 Hz
1st battery	Li-Ion battery 8-cell, 5.800 mAh, 84 Wh
Battery features	Dynamic charge supported (rapid charge)
Benchmark	Mobile Mark 2007 (readers mode – e.g. surfing the internet, writing E-mails, viewing documents)
Runtime 1st battery	up to 3 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

Dimensions (W x D x H)	417 x 287 x 33/44 mm
Weight	4.25 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	5 - 35°C
Operating relative humidity	20 - 80 % (relative humidity, non-condensing)

Additional Software

Additional software (preinstalled)	<ul style="list-style-type: none"> Adobe Acrobat Reader Application Panel Display Manager EasyGuide online user documentation Nero Essentials S (burning software) Norton Internet Security (incl. Firewall) Power Saving Utility ShockSensor Utility SmartAccess Plugfree Network Fujitsu Recovery (Hard Disk Based Recovery)
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Additional software (optional)	<ul style="list-style-type: none"> Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS)
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Manageability

Manageability features	<ul style="list-style-type: none"> DeskUpdate Driver management iAMT Intel® Active Manageability Technology v7.0 (not activated, not set up) Intel® vPro™ technology
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Manageability type	DeskView 10.x client management including:
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DeskView features	<ul style="list-style-type: none"> On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration
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Supported standards	<ul style="list-style-type: none"> WMI PXE BootP (made4you) WoL (Wake on LAN)
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Manageability link	http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html
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Security

Physical security	Kensington Lock support
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System security	<ul style="list-style-type: none"> Advanced Theft Protection Computrace® enabled BIOS Optional: Trusted platform module (TPM 1.2) Norton Internet Security (incl. Firewall) 90 days version
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User security	<ul style="list-style-type: none"> Integrated Fingerprint Sensor Separate SmartCard slot Hard disk password SystemLock BIOS SmartCard security User and supervisor BIOS password
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Compliance

Product	CELSIUS H910
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Germany	GS
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Europe	CE
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USA/Canada	<ul style="list-style-type: none"> cCSAus FCC Class B (depending on wireless configuration)
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Global	<ul style="list-style-type: none"> RoHS (EU & China) Medical EMC standard IEC60601-1-2 in combination with medical kit ENERGY STAR® 5.0 in progress
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Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx
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Port Replicator interfaces (optional)

DC-in	1
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Port Replicator interfaces (optional)

Power on switch	1
Audio: line-in	1
Audio: line-out	1
USB 2.0 total	4
DisplayPort	1
VGA	1
DVI	1
Serial (RS-232)	1
Ethernet (RJ-45)	1
Kensington Lock support	1
eSATA	1

Warranty

Standard Warranty	3 years (depending on country)
Service level	Collect & Return Service / Bring-in Service (depending on county specific requirements)
Maintenance and Support Services - the perfect extension	
Recommended Service	5x9, Response Time: Next Business Day
Service Weblink	http://ts.fujitsu.com/Supportservice

Recommended Accessories

**MicroSaver® Master Access DS,
MicroSaver® DSMicrosaver® DS
Ultra thin**

Losing your notebook is unthinkable. Protect your computer with incomparable security, the disc lock. The most advanced disc locking technology is featured with carbon tempered steel core cable, external braided steel sheath, and patented T-Bar. This model offers the Master Access solution. The Kensington MicroSaver® DS Keyed Ultra-Thin Notebook Lock is designed for the ultimate defense of even the thinnest notebook. The nearly impenetrable disk style keyed locking mechanism along with an advanced cable design provides greater security.

Order Code:
S26361-F1650-L900

Privacy filter

Privacy filters help block the screen view from anyone viewing the computer from a side view. 3M's unique microlouver privacy technology allows persons directly in front of the computer to see on-screen data clearly. 3M offers the broadest line of computer filters available.

Order Code:
S26391-F6097-L144

Backpack A18

This stylish backpack with optimized design to carry big notebooks. One compartment for notebook and additional space for documents; in the front two compartment, the top one for mobile, pen or keys, the lower one for AC adapter and cable.

Order Code:
S26391-F119-L162

More information

Fujitsu platform solutions

In addition to Fujitsu CELSIUS H910, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products

www.fujitsu.com/global/services/computing/

Software

www.fujitsu.com/software/

More information

Learn more about Fujitsu CELSIUS H910, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
<http://ts.fujitsu.com/celsius>

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at <http://www.fujitsu.com/global/about/environment/>



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