Fujitsu recommends Windows 8 Pro.

FUJITSU

Data Sheet
Fujitsu CELSIUS H910
Mobile Workstation

High-End Workstation Power on-the-Go

If you need ultimate workstation performance in a notebook form-factor, the Fujitsu CELSIUS H910 is an ideal choice. This individually configurable workstation, comprehensively certified for leading ISV applications, helps you maintain an efficient workflow wherever you are. Your productivity is increased by instant network access thanks to multiple embedded connectivity features. A range of hardware protection and software security features provide additional peace of mind.

High-end workstation performance
Highest productivity thanks to mobile workstation performance
■ Have a choice of ultra high-end or high-end professional NVIDIA® Quadro® graphics with up to 384 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®
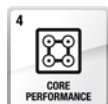
Ultimate security
Protect your data from non-authorized access
■ Integrated SmartCard reader and fingerprint sensor

ISV certification
Excellent performance and absolute stability in professional environments
■ Comprehensive certification for workstation applications under Microsoft® Windows 7

Components

Processor	Intel® Core™ i7-2960XM processor (2.7 GHz, 8 MB)	
	Intel® Core™ i7-2860QM processor (2.5 GHz, 8 MB)	
	Intel® Core™ i7-2820QM processor (4 Cores / 8 Threads, 2.30 GHz, 8 MB)	
	Intel® Core™ i7-2760QM processor (2.4 GHz, 6 MB)	
	Intel® Core™ i7-2720QM processor (4 Cores / 8 Threads, 2.20 GHz, 6 MB)	
	Intel® Core™ i7-2640M _ processor (2.8 GHz, 4 MB)	
	Intel® Core™ i5-2540M processor (2.60 GHz, 3 MB)	
	Intel® Core™ i5-2520M processor (2.50 GHz, 3 MB)	
	Intel® Core™ i7/i5 processor with vPro™ technology	
	Intel® Core™ vPro™ Processor - Best Platform for Businesses of all sizes	

Operating systems		
Operating system	Windows® 7 Professional 64-bit	
Operating system compatible	Windows® 7 Professional 32-bit Windows® 7 Professional 64-bit Windows® XP Professional Windows® XP Professional x64 Edition	
Operating system notes	Driver support for Microsoft® Windows® XP Professional / 7 Professional	

Memory modules	2 GB (1 module(s) 2 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM	
	4 GB (1 module(s) 4 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM	
	8 GB (1 module(s) 8 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM	

Base unit memory	CELSIUS H910 2 Core	CELSIUS H910 4 Core
Supported capacity RAM (min.)	2 GB	4 GB
Supported capacity RAM (max.)	16 GB	32 GB
Memory slots total	2	4
Memory slot type	DIMM (DDR3)	

Hard disk drives (internal)	2x SSD SATA, 512 GB, 2.5-inch, FDE
	2x HDD SATA, 7200 rpm, 750 GB, 2.5-inch, S.M.A.R.T.
	2x HDD SATA, 7200 rpm, 500 GB, 2.5-inch, S.M.A.R.T.
	1x SSD SATA, 256 GB / 1x HDD SATA, 7200 rpm 750 GB, S.M.A.R.T.
	1x SSD SATA, 256 GB / 1x HDD SATA, 7200 rpm 500 GB, S.M.A.R.T.
	1x SSD SATA, 128 GB / 1x HDD SATA, 7200 rpm 750 GB, S.M.A.R.T.
	1x SSD SATA III, 128 GB / 1x HDD SATA, 7200rpm 500 GB, S.M.A.R.T.
	1x SSD SATA, 128 GB / 1x HDD SATA, 7200 rpm 500 GB, S.M.A.R.T.
	SSD SATA, 512 GB, 2.5-inch, FDE
	SSD SATA III, 256 GB, 2.5-inch
	SSD SATA, 256 GB, 2.5-inch, FDE
	SSD SATA III, 128 GB, 2.5-inch
	SSD SATA, 128 GB, 2.5-inch, FDE
	HDD SATA, 7200 rpm, 750 GB, 2.5-inch, S.M.A.R.T.
	HDD SATA, 7200 rpm, 500 GB, 2.5-inch, S.M.A.R.T.
	HDD SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T., FDE
	HDD SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.
	HDD SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T. (Windows® XP optimized)
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/4G (optional)	Sierra Wireless Gobi 3000 (Downlink speed 14.4 Mbit/s, Uplink speed 5.76 Mbit/s)

Bluetooth (optional)	Bluetooth 3.0

Display	43.9 cm (17.3-inch), LED backlight, (Full HD), Anti-glare display, 1920 x 1080 pixel

Optical drives	Blu-ray Disc™ Triple Writer
	DVD Super Multi

Base unit	CELSIUS H910 2 Core	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, NVIDIA® Quadro® 4000M, NVIDIA® Quadro® 5010M	
Graphics features	DualView	
Graphics card notes	NVIDIA® Quadro® 3000M: 240 cores	
	NVIDIA® Quadro® 4000M: 336 cores	
	NVIDIA® Quadro® 5010M: 384 cores	
Dedicated video memory	2 GB (GDDR3 VRAM)	

Interfaces	
DC-in	1
Audio: in	1
Audio: out	1
Internal microphones	1 digital array microphone
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/MSPro)
Express card slots	1
SmartCard slot	1
SIM card slot	1
eSATA	1

Wired communication	
LAN	10/100/1000 MBit/s Intel® 82579 LM

Keyboard

	Spill-resistant keyboard with number block
	Number of keyboard keys: 104, 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)	Adobe® Reader®
	Application Panel
	Display Manager
	EasyGuide online user documentation
	Nero Essentials S (burning software)
	Norton Internet Security (incl. Firewall) 60 days version
	Power Saving Utility
	ShockSensor Utility
	SmartAccess
	Plugfree Network
	Fujitsu Recovery (Hard Disk Based Recovery)
	Don't forget Office.
Additional software (optional)	Drivers & Utilities DVD (DUDVD)
	UMTS connection manager (optional with UMTS)

Manageability

Manageability technology	DeskUpdate Driver management
	iAMT Intel® Active Manageability Technology v7.0 (not activated, not set up)
	Intel® vPro™ technology
Manageability software	DeskView 10.x client management including:

Manageability

DeskView components	On/Offline remote client management
	Detailed system inventory management and reports
	BIOS Management
	Remote power management
	System notifications
	Security Remote Control
	DeskView Helpdesk Integration
Supported standards	WMI
	PXE
	BootP (made4you)
	WoL (Wake on LAN)
Manageability link	http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html

Security

System protection	Kensington Lock support
Audit proof protection	Advanced Theft Protection
	Computrace® enabled BIOS
	Optional: Trusted platform module (TPM 1.2)
	Norton Internet Security (incl. Firewall) 60 days version
Access protection	Integrated Fingerprint Sensor
	Separate SmartCard slot
	Hard disk password
	SystemLock BIOS SmartCard security
	User and supervisor BIOS password

Compliance

Product	CELSIUS H910
Germany	GS
Europe	CE
USA/Canada	cCSAus
	FCC Class B (depending on wireless configuration)
Global	RoHS (EU & China)
	Medical EMC standard IEC60601-1-2 in combination with medical kit
	ENERGY STAR® 5.0 in progress
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/

Port Replicator interfaces (optional)

DC-in	1
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 country specific requirements)

Maintenance and Support Services - the perfect extension

Recommended Service	5x9, Response Time: Next Business Day
Service Weblink	http://www.fujitsu.com/fts/services/support

Recommended Accessories

Prestige City Trolley 17	The Prestige City Trolley 17 protects and transports notebooks with up to 17-inch screens, along with clothes and toiletries. It is the perfect companion in a city environment or for overnight stays with four spacious compartments. Smooth running wheels and a telescopic handle ensure convenience, while the central section protects your notebook with shock-absorbing foam.	Order Code: S26391-F1191-L130
Display P24W-6 LED	Enjoy perfect picture quality, outstanding ergonomics and usability as well as comfortable energy saving solutions of this Fujitsu P Line widescreen display.	Order Code: S26361-K1428-V140
Display P23T-6P FPR 3D	If you're a pixel, color and performance-hungry professional using demanding 2D and 3D applications, Fujitsu Display P23T-6 FPR 3D is the perfect choice for you. The combination of the stunning IPS graphic panel with latest 3D FPR technology, unique energy efficiency features and sophisticated ergonomics make this display really unrivalled.	Order Code: S26361-K1433-V170
Display P23T-6P IPS	Enjoy the perfect picture quality of the P23T-6P IPS, which is ideal for extremely demanding graphics and CAD. Its size allows working simultaneously on different documents in parallel. Due to its outstanding ergonomics, usability and energy saving solutions this display is also an excellent screen extension when using several displays.	Order Code: S26361-K1434-V140
Display P27T-6P IPS	Enjoy perfect picture quality with 3.7 Mio pixels, outstanding ergonomics and usability as well as comfortable energy saving solutions of this 69 cm (27-inch) widescreen Fujitsu P Line display.	Order Code: S26361-K1436-V140
Display P23T-6 LED	Enjoy the perfect picture quality of the P23T-6 LED, which is ideal for extremely demanding graphics and CAD. Its size allows working simultaneously on different documents in parallel. Due to its outstanding ergonomics, usability and energy saving solutions this display is also an excellent screen extension when using several displays.	Order Code: S26361-K1441-V140
Wireless Notebook Mouse WI610	The Wireless Notebook Mouse WI610 uses the latest wireless 2.4 GHz technology, and an ultra-high resolution switchable sensor to give you the precision and reliability you need (1000/1500/2000 dpi). Sporting a stylish silver-black finish, the WI610 wireless mouse is well suited to all environments.	Order Code: S26381-K460-L100

More information

Fujitsu OPTIMIZATION Services

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.

Fujitsu Portfolio

Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

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.
www.fujitsu.com/fts/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 contribute to the creation of a sustainable environment for future generations through IT. Please find further information at http://www.fujitsu.com/global/about/environment/

Copyrights

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.
For further information see www.fujitsu.com/terms
Copyright © Fujitsu Technology Solutions

Disclaimer

Technical data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.