

Windows®. Life without Walls™.
Fujitsu recommends Windows 7.

Data Sheet

Fujitsu CELSIUS H710

Mobile Workstation

Preliminary Data sheet / For internal use only

Company confidential

Workstation power on-the-go

CELSIUS H710

The CELSIUS H710 delivers workstation power in a 39.6 cm (15.6-inch) notebook form factor. Featuring the 2nd generation Intel® Core™ processors and powerful NVIDIA® graphics, the CELSIUS H710 delivers uncompromising performance without tethering you to the office. Secure and reliable, it is ideal for business environments such as CAD and digital content creation.



Workstation performance

Higher productivity thanks to mobile workstation performance

- Second generation Intel® Core™ i7 & i5 processors with vPro™ technology, Professional NVIDIA® Quadro® graphics with 96 NVIDIA CUDA cores.

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

Advanced Reliability

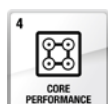
Protects your notebook against physical damage

- Spill-resistant keyboard and hard disk drive ShockSensor

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, Intel® HD Graphics 3000) Intel® Core™ i7-2720QM processor (4 Cores / 8 Threads, 2.20 GHz, 6 MB, Intel® HD Graphics 3000) Intel® Core™ i7-2620M processor (2 Cores / 4 Threads, 2.70 GHz, 4 MB, Intel® HD Graphics 3000) Intel® Core™ i5-2540M processor (2 Cores / 4 Threads, 2.60 GHz, 3 MB, Intel® HD Graphics 3000) Intel® Core™ i5-2520M processor (2 Cores / 4 Threads, 2.50 GHz, 3 MB, Intel® HD Graphics 3000)
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	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
Supported capacity RAM (min.)	2 GB
Supported capacity RAM (max.)	16 GB
Memory slots total	2
Memory slot type	DIMM (DDR3)
Hard disk drives (internal)	SSD SATA, 512 GB, 2.5-inch, full disk encryption SSD SATA, 256 GB, 2.5-inch, full disk encryption SSD SATA, 128 GB, 2.5-inch, full disk encryption HDD SATA, 7200 rpm, 1000 GB, 2.5-inch, S.M.A.R.T. 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. HDD SATA, 5400 rpm, 320 GB FDE, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.
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
Bluetooth	
WLAN notes	Import and usage according to country-specific regulations.
3G/UMTS (optional)	Sierra Wireless Gobi 3000 (downlink 14.4 Mbit/s, uplink 5.76 Mbit/s)
Bluetooth (optional)	Bluetooth 2.1
Display	39.6 cm (15.6-inch), LED backlight, (HD+), Anti-glare display, magnesium, 1600 x 900 pixel, 300:1, 220 cd/m ² 39.6 cm (15.6-inch), LED backlight, (Full HD), Anti-glare display, magnesium, 1920 x 1080 pixel

Modular bay options	2nd battery
	2nd hard disk drive
	Blu-ray Disc™ Triple Writer
	DVD Super Multi
	Weight saver
Base unit	CELSIUS H710
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® 1000M
Graphics features	DualView
Dedicated video memory	2 GB (GDDR3 VRAM)
Interfaces	
DC-in	1
Internal microphones	2 digital array microphones
USB 2.0 total	3
USB 3.0 total	1
VGA	1
DisplayPort	1
Ethernet (RJ-45)	1
Kensington Lock support	2
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
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, 2 internal microphones
Camera	Optional: Built-in webcam, 2.0 megapixel, VGA camera
Power supply	
AC adapter	19 V / 120 W (6.32 A)
Rated voltage range	100 V - 240 V (AC Input)

Power supply

Rated frequency range	50 Hz - 60 Hz
1st battery	Li-Ion battery 8-cell, 5.800 mAh, 84 Wh
2nd battery (optional)	Li-Ion battery 3-cell, 3.800 mAh, 41 Wh
Battery features	Dynamic charge supported (rapid charge)
Benchmark	Mobile Mark 2005
Runtime 1st battery	up to 5 h
Runtime 1st + 2nd battery	up to 9 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)	372 x 255 x 36 mm
Weight	2.75 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 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
Additional software (optional)	Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS)

Manageability

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

Physical security	Kensington Lock support
System security	Advanced Theft Protection Computrace® enabled BIOS Optional: Trusted platform module (TPM 1.2) Norton Internet Security (incl. Firewall) 90 days version

Security	
User security	Integrated Fingerprint Sensor Separate SmartCard slot Hard disk password SystemLock BIOS SmartCard security User and supervisor BIOS password

Compliance	
Product	CELSIUS H710
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 (depending on configuration)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

Port Replicator interfaces (optional)	
DC-in	1 (19V)
Power on switch	1
Audio: headphone	1
Audio: microphone	1
USB 2.0 total	4
DisplayPort	1 (up to 2560 x 1600)
VGA	1
DVI	1 (up to 1920 x 1200)
Ethernet (RJ-45)	1 (10/100/1000)
Parallel	1
Kensington Lock support	1
eSATA	1
Notes	Port replicator does not support 0-Watt technology

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

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

CELVIN® Drive D200



The CELVIN® Drive D200 is a highly reliable external storage device with marvelous USB 3.0 speed for Plug & Play experience by simply connecting the device to a notebook or PC. Furthermore it is easy to set up and increase the home network capacity by attaching it to the USB port of dedicated routers or NAS devices.

Order Code:
S26341-F103-L220

HS S2000NC Headset



The HS S2000NC Headset offers more than current headsets. Besides superb sound quality, the headset provides an impressive feature: a button to switch off noise and disburden your ears of unwanted noise level.

Order Code:
S26391-F7139-L3

SOUNDSYSTEM DS P2100 Tube



The new stylish and elegant SOUNDSYSTEM DS P2100 Tube has been added to our multimedia portfolio. Taking inspiration from a hi-fi sound bar, the P2100 Tube presents you with living room design art pieces for acoustic enjoyment. The small & robust satellite speaker is decorated with a deluxe piano finish and the aluminum tube is adorned with a fine print of an exotic motif at its base - a final touch to complete this fantastic artwork.

Order Code:
S26391-F7128-L500

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 H710, 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 H710, 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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