

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

# Data Sheet

## Fujitsu CELSIUS H710 proGREEN selection Mobile Workstation

Workstation power on-the-go

### CELSIUS H710

The Fujitsu CELSIUS H710 proGREEN selection delivers workstation power in a 39.6 cm (15.6-inch) notebook form factor. Featuring the 2nd generation Intel® Core™ processor and powerful NVIDIA® graphics, the CELSIUS H710 delivers uncompromising energy efficient performance and manageability 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 processor 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



# Components

<b>Processor</b>	Intel® Core™ i7-2620M processor (2 Cores / 4 Threads, 2.70 GHz, 4 MB)
<b>Operating system</b>	
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
<b>Memory modules</b>	4 GB (2 module(s) 2 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)
<b>Hard disk drives (internal)</b>	HDD SATA, 7200 rpm, 500 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
<b>WLAN (optional)</b>	Atheros Minicard b/g/n Intel® Centrino® 6205 802.11 a/b/g/n
<b>Wireless technologies</b>	
Antennas	2 Dual band WLAN antennas, 2 UMTS antennas
WLAN notes	Import and usage according to country-specific regulations.
<b>3G/UMTS (optional)</b>	Sierra Wireless Gobi 3000 (downlink 14.4 Mbit/s, uplink 5.76 Mbit/s)
<b>Bluetooth (optional)</b>	Bluetooth 2.1
<b>Display</b>	39.6 cm (15.6-inch), LED backlight, (HD+), Anti-glare display, magnesium, 1600 x 900 pixel, 300:1, 220 cd/m <sup>2</sup> 39.6 cm (15.6-inch), LED backlight, (Full HD), Anti-glare display, magnesium, 1920 x 1080 pixel
<b>Modular bay options</b>	2nd battery 2nd hard disk drive Blu-ray Disc™ Triple Writer DVD Super Multi Weight saver
<b>Base unit</b>	CELSIUS H710
<b>General system information</b>	
Chipset	Intel® QM67
BIOS features	BIOS based on Phoenix SecureCore
<b>Graphics</b>	
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)
<b>Interfaces</b>	
DC-in	1

**Interfaces**

Audio: in	1
Audio: out	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
PC Card slot (Type I/II)	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
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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 / 120 W (6.32 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
2nd battery (optional)	Li-Ion battery 6-cell, 3.800 mAh, 41 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 5.5 h
Runtime 1st + 2nd battery	up to 8 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**

<b>Additional software (preinstalled)</b>	Microsoft Office 2010s Adobe Acrobat Reader Application Panel Display Manager EasyGuide online user documentation Nero 9 Essentials XL (burning software) Premium Suite DVD Norton Internet Security (incl. Firewall) Power Saving Utility ShockSensor Utility SmartAccess Plugfree Network
<b>Additional software (optional)</b>	Drivers & Utilities DVD Mobile H (DUDVD) UMTS connection manager (optional with UMTS)

**Manageability**

<b>Manageability features</b>	DeskUpdate Driver management iAMT Intel® Active Manageability Technology v7.0 (not activated, not set up) Intel® vPro™ technology
<b>Manageability type</b>	DeskView 10.x client management including:
<b>DeskView features</b>	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration
<b>Supported standards</b>	WMI PXE BootP (made4you) WoL (Wake on LAN)
<b>Manageability link</b>	<a href="http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html">http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html</a>

**Security**

<b>Physical security</b>	Kensington Lock support
<b>System security</b>	Advanced Theft Protection Computrace® enabled BIOS Optional: Trusted platform module (TPM 1.2) Norton Internet Security (incl. Firewall) 90 days version
<b>User security</b>	Integrated Fingerprint Sensor Separate SmartCard slot Hard disk password SystemLock BIOS SmartCard security User and supervisor BIOS password

**Compliance**

<b>Product</b>	CELSIUS H710
<b>Germany</b>	GS
<b>Europe</b>	CE
<b>USA/Canada</b>	cCSAus FCC Class B (depending on wireless configuration)
<b>Global</b>	RoHS (EU & China) Medical EMC standard IEC60601-1-2 in combination with medical kit ENERGY STAR® 5.0 EPEAT™ Gold
<b>Compliance link</b>	<a href="https://sp.ts.fujitsu.com/sites/certificates/default.aspx">https://sp.ts.fujitsu.com/sites/certificates/default.aspx</a>

**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)
Serial (RS-232)	1
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)
<b>Maintenance and Support Services - the perfect extension</b>	
Recommended Service	5x9, Response Time: Next Business Day
Service Weblink	<a href="http://ts.fujitsu.com/Supportservice">http://ts.fujitsu.com/Supportservice</a>

## 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

## 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/](http://www.fujitsu.com/global/services/computing/)

#### Software

[www.fujitsu.com/software/](http://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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