

Fujitsu recommends Windows® 7.

# Data Sheet

## Fujitsu CELSIUS H710 Mobile Workstation

### Workstation Power on-the-Go

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If you're a mobile worker looking for a customizable workstation and enhanced productivity, Fujitsu's CELSIUS H710 is the ideal device. This high-quality 39.6 cm (15.6-inch) workstation with comprehensive ISV certifications combines powerful performance with multiple connectivity options for effective mobile working. The modular bay provides individual expandability. Comprehensive protection against physical damage and security threats complete a reliable package.



#### 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

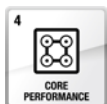
Protects your notebook against physical damage

- 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

<b>Processor</b>	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™ i7-2620M processor (2.70 GHz, 4 MB) Intel® Core™ i5-2520M processor (2.50 GHz, 3 MB)
<b>Operating systems</b>	
<b>Operating system</b>	Genuine Windows® 7 Professional 64-bit
<b>Operating system compatible</b>	Genuine Windows® 7 Professional 32-bit Genuine Windows® 7 Professional 64-bit Genuine Windows® XP Professional Genuine Windows® XP Professional x64 Edition
<b>Operating system notes</b>	Driver support for Microsoft® Windows® XP Professional / 7 Professional
<b>Memory modules</b>	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
<b>Base unit memory</b>	<b>CELSIUS H710</b>
<b>Supported capacity RAM (min.)</b>	2 GB
<b>Supported capacity RAM (max.)</b>	16 GB
<b>Memory slots total</b>	2
<b>Memory slot type</b>	DIMM (DDR3)
<b>Hard disk drives (internal)</b>	SSD SATA, 512 GB, 2.5-inch, full disk encryption SSD SATA III, 256 GB, 2.5-inch SSD SATA, 256 GB, 2.5-inch, full disk encryption SSD SATA III, 128 GB, 2.5-inch SSD SATA, 128 GB, 2.5-inch, full disk encryption 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., full disk encryption 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)
<b>Hard disk notes</b>	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>	
<b>Antennas</b>	2 Dual band WLAN antennas, 2 UMTS antennas
<b>WLAN notes</b>	Import and usage according to country-specific regulations.
<b>3G/UMTS (optional)</b>	Sierra Wireless Gobi 3000 (UMTS downlink speed 14.4 Mbit/s, UMTS uplink speed 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 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>	
<b>Chipset</b>	Intel® QM67
<b>BIOS features</b>	BIOS based on Phoenix SecureCore
<b>Graphics</b>	
<b>Max. resolution external display</b>	2560 x 1600 pixel via DisplayPort and Dual Link DVI
<b>Graphics brand name</b>	NVIDIA® Quadro® 1000M
<b>Graphics features</b>	DualView
<b>Graphics cores</b>	96 cores
<b>Dedicated video memory</b>	2 GB (GDDR3 VRAM)
<b>Interfaces</b>	
<b>DC-in</b>	1
<b>Audio: in</b>	1
<b>Audio: out</b>	1
<b>Internal microphones</b>	2 digital array microphones
<b>USB 2.0 total</b>	3
<b>USB 3.0 total</b>	1
<b>VGA</b>	1
<b>DisplayPort</b>	1
<b>Ethernet (RJ-45)</b>	1
<b>Kensington Lock support</b>	2
<b>PC Card slot (Type I/II)</b>	1
<b>Memory card slots</b>	1 (SD/MS/MSPPro)
<b>Express card slots</b>	1
<b>SmartCard slot</b>	1
<b>SIM card slot</b>	1
<b>eSATA</b>	1
<b>Wired communication</b>	
<b>LAN</b>	10/100/1000 MBit/s Intel® 82579 LM
<b>Keyboard</b>	
	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
<b>Multimedia</b>	
<b>Audio type</b>	On board
<b>Audio codec</b>	Realtek ALC269
<b>Audio features</b>	Stereo speakers, Internal microphone
<b>Camera</b>	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
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**

Additional software (preinstalled)	<ul style="list-style-type: none"> <li>Adobe Acrobat Reader</li> <li>Application Panel</li> <li>Display Manager</li> <li>EasyGuide online user documentation</li> <li>Nero Essentials S (burning software)</li> <li>Norton Internet Security (incl. Firewall) 60 days version</li> <li>Power Saving Utility</li> <li>ShockSensor Utility</li> <li>SmartAccess</li> <li>Plugfree Network</li> <li>Fujitsu Recovery (Hard Disk Based Recovery)</li> <li>Microsoft® Office Starter: reduced-functionality Word and Excel® only, with advertising. No PowerPoint® or Outlook®.</li> <li>Buy Office 2010 to use the full-featured software.</li> </ul>
Additional software (optional)	<ul style="list-style-type: none"> <li>Drivers &amp; Utilities DVD (DUDVD)</li> <li>UMTS connection manager (optional with UMTS)</li> </ul>

**Manageability**

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

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

<b>Compliance</b>	
<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 (depending on configuration)
<b>Compliance link</b>	<a href="https://sp.ts.fujitsu.com/sites/certificates/">https://sp.ts.fujitsu.com/sites/certificates/</a>

<b>Port Replicator interfaces (optional)</b>	
<b>DC-in</b>	1 (19V)
<b>Power on switch</b>	1
<b>Audio: headphone</b>	1
<b>Audio: microphone</b>	1
<b>USB 2.0 total</b>	4
<b>DisplayPort</b>	1 (up to 2560 x 1600)
<b>VGA</b>	1
<b>DVI</b>	1 (up to 1920 x 1200)
<b>Serial (RS-232)</b>	1
<b>Ethernet (RJ-45)</b>	1 (10/100/1000)
<b>Parallel</b>	1
<b>Kensington Lock support</b>	1
<b>eSATA</b>	1
<b>Notes</b>	Port replicator does not support 0-Watt technology

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

## Recommended Accessories

**Microsaver® DS Ultra thin**

The Fujitsu Kensington MicroSaver® DS Ultra-Thin notebook lock is the ultimate defense for even the thinnest notebooks. The patented T-bar locking mechanism along with an advanced carbon-tempered steel cable design provides excellent security. It also includes Kensington Master Access so you can manage an unlimited number of locks with a single master key.

Order Code:  
S26361-F1650-L900

**Prestige City Trolley 17**

Aluminum trolley handle with optimized wheels for smooth rolling, a separate front case for power supply and cables and a heightened compartment to accommodate e.g. clothes for a overnight stay. For Tablet PC and Notebooks up to 43 cm / 17-inch. City Trolley is designed only for transportation of laptops, clothes and sanitary belongings in the city environment (up to 10 kg).

Order Code:  
S26391-F1191-L130

## 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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