

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

| | |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor | Intel® Core™ i7-2620M processor (2 Cores / 4 Threads, 2.70 GHz, 4 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 | |
| | 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) |
| Hard disk drives (internal) | |
| | 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 |
| 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 (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 |

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/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, 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

| | |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Additional software (preinstalled) | 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) 60 days version Power Saving Utility ShockSensor Utility SmartAccess Plugfree Network Microsoft® Office Starter: reduced-functionality Word and Excel® only, with advertising. No PowerPoint® or Outlook®. Buy Office 2010 to use the full-featured software. |
| Additional software (optional) | Drivers & Utilities DVD Mobile H (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) 60 days version |
| 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 |
| 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) |
| 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) |
| 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

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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CONTACT

FUJITSU Technology Solutions
Website: <http://ts.fujitsu.com>
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