# FUJITSU

Fujitsu recommends Windows® 7.

# Data Sheet
## Fujitsu CELSIUS H910-Video Mobile Workstation

Your mobile editing suite

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**CELSIUS H910-Video**

The Fujitsu CELSIUS H910-Video delivers workstation power in a 43.9 cm (17.3-inch) notebook form factor. Featuring an Intel® Core™ i7 processor and powerful NVIDIA® Quadro® 3000M graphics, the CELSIUS H910 delivers uncompromising performance for software such as After Effects® and Premiere® Pro while out on the road. It enables dynamic linking between applications and the Quadro® 3000M graphics card has hundreds of CUDA cores to accelerate your workflow. Secure and reliable, it is the ideal choice for Adobe CS5.5 Production Premium.

**High-end workstation performance**
Highest productivity thanks to mobile workstation performance
■ High-end professional NVIDIA® Quadro® graphics with 240 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®
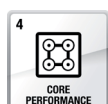
**Ultimate security**
Protect your data from non-authorized access
■ Integrated SmartCard reader and fingerprint sensor

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

Optimized For

# Adobe®

# 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<br>Genuine Windows® 7 Professional 64-bit<br>Genuine Windows® XP Professional<br>Genuine Windows® XP Professional x64 Edition |
| Operating system notes | Driver support for Microsoft® Windows® XP Professional / 7 Professional |
| **Memory modules** | 8 GB (2 module(s) 4 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM |
| **Base unit memory** | **CELSIUS H910 2 Core** |
| 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 II, 7200 rpm, 500 GB, 2.5-inch, S.M.A.R.T. |
| Hard disk notes | ShockSensor for HDD shock protection<br>One Gigabyte equals one billion bytes, when referring to hard disk drive capacity.<br>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** | Sierra Wireless Gobi 3000 (downlink 14.4 Mbit/s, uplink 5.76 Mbit/s) |
| **Bluetooth (optional)** | Bluetooth 3.0 |
| **Display** | 43.9 cm (17.3-inch), LED backlight, (Full HD), Anti-glare display, magnesium, 1920 x 1080 pixel |
| **Modular bay** | HDD SATA, 7200 rpm, 500 GB, 2.5-inch, S.M.A.R.T |
| | DVD Drive |
| **Base unit** | CELSIUS H910 2 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 |
| Graphics features | DualView |
| 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 |

## Interfaces

| | |
|---|---|
| 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 |
| | Number of keyboard keys: 86, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm |
| | TouchStick (optional)<br>Touchpad with two mouse buttons and scroll via fingerprint sensor<br>Second set of mouse buttons<br>EcoButton<br>LockWorkstation button<br>MobilityCenter button<br>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 Acrobat Reader<br>Application Panel<br>Display Manager<br>EasyGuide online user documentation<br>Nero Essentials S (burning software)<br>Norton Internet Security (incl. Firewall)<br>Power Saving Utility<br>ShockSensor Utility<br>SmartAccess<br>Plugfree Network<br>Fujitsu Recovery (Hard Disk Based Recovery) |
| **Additional software (optional)** | Drivers & Utilities DVD (DUDVD)<br>UMTS connection manager (optional with UMTS) |

## Manageability

| | |
|---|---|
| **Manageability features** | DeskUpdate Driver management<br>iAMT Intel® Active Manageability Technology v7.0 (not activated, not set up)<br>Intel® vPro™ technology |
| **Manageability type** | DeskView 10.x client management including: |
| **DeskView features** | On/Offline remote client management<br>Detailed system inventory management and reports<br>BIOS Management<br>Remote power management<br>System notifications<br>Security Remote Control<br>DeskView Helpdesk Integration |
| **Supported standards** | WMI<br>PXE<br>BootP (made4you)<br>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<br>Computrace® enabled BIOS<br>Optional: Trusted platform module (TPM 1.2)<br>Norton Internet Security (incl. Firewall) 90 days version |
| **User security** | Integrated Fingerprint Sensor<br>Separate SmartCard slot<br>Hard disk password<br>SystemLock BIOS SmartCard security<br>User and supervisor BIOS password |

## Compliance

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

## Port Replicator interfaces (optional)

| | |
|---|---|
| **DC-in** | 1 |

### Port Replicator interfaces (optional)

| | |
|---|---|
| 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

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|---|---|
| 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 |
| Privacy filter | | Privacy filters help block the screen view from anyone viewing the computer from a side view. 3M's unique microlouver privacy technology allows persons directly in front of the computer to see on-screen data clearly. 3M offers the broadest line of computer filters available. | Order Code: S26391-F6097-L144 |
| 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 H910, 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 H910, 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/


Green Policy Innovation

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