

# DATASHEET

## FUJITSU CELSIUS H700 WORKSTATION

### WORKSTATION POWER ON-THE-GO

#### CELSIUS H700

The CELSIUS H700 delivers workstation power in a notebook form factor. Featuring the latest Intel® processors and powerful NVIDIA® Quadro graphics, the CELSIUS H700 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

- Professional NVIDIA® Quadro graphics, Intel® Core™ i5 & i7 processors with vPro™ technology

#### UNLIMITED CONNECTIVITY

Online anywhere, anytime.

- 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

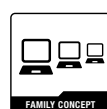
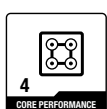
- Spill-resistant keyboard and hard disk drive ShockSensor



#### ISV CERTIFICATION

Excellent performance and absolute stability in professional environments

- Comprehensive certification for workstation applications



# COMPONENTS

<b>PROCESSOR</b>	Intel® Core™ i7 processor 820QM (1.73 GHz, 8 MB, 1333 MHz) Intel® Core™ i7 processor 720QM (1.6 GHz, 6 MB, 1333 MHz) Intel® Core™ i7 processor 620M (2.66 GHz, 4 MB, 1066 MHz) Intel® Core™ i5 processor 540M (2.53 GHz, 3 MB, 1066 MHz) Intel® Core™ i5 processor 520M (2.4 GHz, 3 MB, 1066 MHz)
<b>MEMORY MODULES</b>	2 GB (1 module(s) 2 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM 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
<b>HARD DISK DRIVES (INTERNAL)</b>	500 GB, 7200 rpm, SATA, 2.5-inch S.M.A.R.T. 320 GB, 7200 rpm, SATA, 2.5-inch S.M.A.R.T. 320 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T. 320 GB, 5400 rpm, FDE, 2.5-inch S.M.A.R.T. 256 GB SSD SATA, 2.5-inch S.M.A.R.T. 128 GB SSD SATA, 2.5-inch S.M.A.R.T.
<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® 6200 802.11 a/b/g/n
<b>WIRELESS TECHNOLOGIES</b>	
<b>Antennas</b>	2 Dual band WLAN antennas, 2 UMTS antenna
<b>WLAN notes</b>	Import and usage according to country-specific regulations.
<b>3G/UMTS (OPTIONAL)</b>	Sierra Wireless Gobi 2000 (downlink 7.2 Mbit/s, uplink 5.76 Mbit/s)
<b>DISPLAY</b>	39.6 cm (15.6-inch), LED backlight, (HD+), anti-glare display, magnesium, 1600 x 900 pixel 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, SATA DVD Super Multi Weight saver
<b>Base unit</b>	CELSIUS H700
<b>GENERAL SYSTEM INFORMATION</b>	
<b>Chipset</b>	Intel® QM57
<b>BIOS features</b>	BIOS based on Phoenix SecureCore
<b>GRAPHICS</b>	
<b>Max. resolution external display</b>	DVI-D: 2560 x 1600 pixels (60Hz); HDMI: 1080p
<b>Graphics brand name</b>	NVIDIA® Quadro FX 880M
<b>Graphics features</b>	DualView
<b>Dedicated video memory</b>	1 GB (GDDR3 VRAM)
<b>WIRED COMMUNICATION</b>	
<b>Modem type</b>	Optional: 56 K V.92 modem MDC1.5
<b>LAN</b>	10/100/1000 MBit/s Intel® 82577 LM
<b>MULTIMEDIA</b>	
<b>Audio type</b>	On board
<b>Audio codec</b>	Realtek ALC269
<b>Audio features</b>	Stereo speakers, 2 internal microphones
<b>Camera</b>	Optional: Built-in webcam, 1.3 megapixel, VGA camera

## Slots

**POWER SUPPLY**

<b>AC adapter</b>	19 V / 120 W (6.32 A)
<b>Rated voltage range</b>	100 - 240 V (AC Input)
<b>Rated frequency range</b>	50 - 60 Hz
<b>1st battery</b>	Li-Ion battery 8-cell, 5.800 mAh, 84 Wh
<b>2nd battery (optional)</b>	Li-Ion, 3800 mAh, 41 Wh
<b>Battery features</b>	Dynamic charge supported (rapid charge)
<b>Benchmark</b>	Mobile Mark 2005
<b>Runtime 1st battery</b>	up to 6 h
<b>Runtime 1st + 2nd battery</b>	up to 7 h
<b>Battery notes</b>	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**

<b>Dimensions (W x D x H)</b>	372 x 255 x 36 mm
<b>Weight</b>	2.75 kg
<b>Weight notes</b>	Actual weight may vary depending on configuration
<b>Operating ambient temperature</b>	5 - 35°C
<b>Operating relative humidity</b>	20 - 85 % (running)

**OPERATING SYSTEM**

<b>Operating system optional preinstalled</b>	Microsoft® Windows® 7 Professional 64-bit
<b>Operating system compatible</b>	Microsoft® Windows® XP Professional TwinLoad Microsoft® Windows® XP Professional (DVD) Microsoft® Windows Vista® Business 32-bit
<b>Operating system notes</b>	Driver support for Microsoft® Windows® XP Professional / Vista Business

**ADDITIONAL SOFTWARE**

<b>Additional software (preinstalled)</b>	Adobe Acrobat Reader Application Panel Display Manager ShockSensor Utility Power Saving Utility Wireless Selector Utility EasyGuide online user documentation Nero Essentials S (burning software) Norton Internet Security (incl. Firewall) Toshiba Stack 4.x (not available for Windows® 7 operating systems)
<b>Additional software (optional)</b>	Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS) SmartCase Logon+

**MANAGEABILITY**

<b>Manageability features</b>	DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional)
<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 WoL (Wake on LAN)
<b>Supported standards</b>	WMI PXE BootP (made4you)
<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) Symantec Norton Internet Security (90 day test 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 H700
<b>Germany</b>	GS
<b>Europe</b>	CE
<b>USA/Canada</b>	cCSAus FCC Class B (depending on wireless configuration)
<b>Global</b>	RoHS (Restriction of hazardous substances) Medical certification IEC60601-1-2 in combination with medical kit
<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>

**PORTREPLICATOR INTERFACES (OPTIONAL)**

	Port replicator/AC adapter/EU-cable kit	Port replicator/AC adapter/GB-cable kit
<b>DC-in</b>	1	
<b>Audio: line-in</b>	1	
<b>Audio: line-out</b>	1	
<b>USB 2.0 total</b>	4	
<b>DisplayPort</b>	1	
<b>VGA</b>	1	
<b>DVI</b>	1	
<b>Serial (RS-232)</b>	1	
<b>Ethernet (RJ-45)</b>	1	
<b>Parallel</b>	1	
<b>Kensington Lock support</b>	2	
<b>eSATA</b>	1	

**WARRANTY**

<b>Service level</b>	(depending on country)
<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>

#### FUJITSU PLATFORM SOLUTIONS

In addition to Fujitsu CELSIUS H700, 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 H700, 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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