

Fujitsu recommends Windows 8 Pro.

Data Sheet

Fujitsu CELSIUS H720 Workstation

Workstation Power on-the-Go

If you're a mobile worker looking for a customizable workstation and enhanced productivity, Fujitsu's CELSIUS H720 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

- 3rd generation Intel® Core™ i7 & i5 processors with vPro™ technology or Intel® Core™ i7 Extreme processor. Professional NVIDIA® Quadro® graphics with up to 384 CUDA cores.

Unlimited connectivity

Online anywhere, anytime.

- Optional integrated 4G/LTE, Bluetooth® and WLAN

Full flexibility

Equip your system individually

- Modular bay option for 2nd hard disk drive, 2nd battery or personal dongles

NVIDIA® Optimus™ Technology

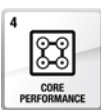
Increased battery runtime

- Dedicated graphics card is only used when needed

ISV certification

Excellent performance and absolute stability in professional environments

- Comprehensive certification for workstation applications



Components

Processor	Intel® Core™ i7-3940XM processor (3.0 GHz, up to 3.9 GHz, 8 MB) Intel® Core™ i7-3920XM processor (2.9 GHz, up to 3.8 GHz, 8 MB) Intel® Core™ i7-3840QM processor (2.8 GHz, up to 3.8 GHz, 8 MB) Intel® Core™ i7-3820QM processor (2.7 GHz, up to 3.7 GHz, 8 MB) Intel® Core™ i7-3740QM processor (2.7 GHz, up to 3.7 GHz, 6 MB) Intel® Core™ i7-3720QM processor (2.6 GHz, up to 3.6 GHz, 6 MB) Intel® Core™ i7-3630QM processor (2.4 GHz, up to 3.4 GHz, 6 MB) Intel® Core™ i7-3610QM processor (2.3 GHz, up to 3.3 GHz, 6 MB) Intel® Core™ i7-3540M processor (3.0 GHz, up to 3.7 GHz, 4 MB) Intel® Core™ i5-3380M processor (2.9 GHz, up to 3.6 GHz, 3 MB) Intel® Core™ i5-3360M processor (2.8 GHz, up to 3.5 GHz, 3 MB) Intel® Core™ i5-3340M processor (2.7 GHz, up to 3.4 GHz, 3 MB) Intel® Core™ i5-3320M processor (2.6 GHz, up to 3.3 GHz, 3 MB) Intel® Core™ Processor with Intel® Small Business Advantage - Smart Platform for Unmanaged Small Business				
Operating systems					
Operating system	Windows® 7 Professional 64-bit Windows 8 Windows 8 Pro				
Operating system compatible	Windows® 7 Professional 32-bit Windows® 7 Professional 64-bit Windows 8 Windows 8 Pro				
Memory modules	2 GB (1 module(s) 2 GB) DDR3, 1600 MHz, PC3-12800, SO DIMM 4 GB (1 module(s) 4 GB) DDR3, 1600 MHz, PC3-12800, SO DIMM 8 GB (1 module(s) 8 GB) DDR3, 1600 MHz, PC3-12800, SO DIMM				
Base unit memory	CELSIUS H720 Dual Core K1000M	CELSIUS H720 Dual Core K2000M	CELSIUS H720 Quad Core K1000M	CELSIUS H720 Quad Core K2000M	CELSIUS H720 Quad Core K500M
Supported capacity RAM (min.)	2 GB		4 GB		
Supported capacity RAM (max.)	16 GB		32 GB		
Memory slots total	2		4		
Memory slot type	SO DIMM (DDR3)				
Hard disk drives (internal)	SSD SATA III, 512 GB, 2.5-inch SSD SATA III, 256 GB, 2.5-inch SSD SATA III, 128 GB, 2.5-inch, FDE SSD SATA III, 128 GB, 2.5-inch HDD SATA, 7200 rpm, 750 GB, 2.5-inch, S.M.A.R.T. HDD SATA, 7200 rpm, 640 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, 1000 GB, 2.5-inch, S.M.A.R.T. HDD SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T., FDE				
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)	Intel® Centrino® Advanced-N 6205 802.11 a/b/g/n Import and usage according to country-specific regulations. Intel® Centrino® Wireless-N 2200 802.11b/g/n Import and usage according to country-specific regulations.				

3G/4G (optional)	Sierra Wireless Gobi 3000 module Sierra Wireless MC7710 LTE/HSPA+ module				
Bluetooth (optional)	Bluetooth 4.0				
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, 300:1, 220 cd/m ²				
Modular bay options	2nd battery 2nd hard disk drive Blu-ray burner DVD-RW Dual Double Layer Super Multi Weight saver				
Base unit	CELSIUS H720 Dual Core K1000M	CELSIUS H720 Dual Core K2000M	CELSIUS H720 Quad Core K1000M	CELSIUS H720 Quad Core K2000M	CELSIUS H720 Quad Core K500M
Chipset	Intel® QM77				
BIOS features	BIOS based on Phoenix SecureCore				
Graphics					
Max. resolution external display	2560 x 1600 pixel via DisplayPort and Dual Link DVI		2560 x 1600 pixel via DisplayPort and Dual Link DVI		
Graphics brand name	NVIDIA® Quadro® K1000M, NVIDIA® Quadro® K2000M		NVIDIA® Quadro® K500M, NVIDIA® Quadro® K1000M, NVIDIA® Quadro® K2000M		
Graphics features	DualView		DualView		
Graphics card notes	NVIDIA® Quadro® K500M: 192 cores NVIDIA® Quadro® K1000M: 192 cores NVIDIA® Quadro® K2000M: 384 cores		NVIDIA® Quadro® K500M: 192 cores NVIDIA® Quadro® K1000M: 192 cores NVIDIA® Quadro® K2000M: 384 cores		
Dedicated video memory	2 GB (GDDR3 VRAM)		2GB (GDDR3 VRAM, 1GB (for K500M)		
Interfaces					
DC-in	1				
Audio: in	1				
Audio: out	1				
Internal microphones	2 digital array microphones				
USB 2.0 total	1				
USB 3.0 total	3				
VGA	1				
DisplayPort	1				
Ethernet (RJ-45)	1				
Express card slots	1 (34 mm)				
SmartCard slot	1				
SIM card slot	1				
Multicardreader	1 (SD up to 2 GB, SDHC up to 32 GB, SDXC up to 64 GB)				
eSATA	1				
Wired communication					
LAN	10/100/1000 MBit/s Intel® 82579 LM				
Keyboard					
	TouchStick (optional) Touchpad with two mouse buttons and scroll via fingerprint sensor EcoButton LockWorkstation button MobilityCenter Button Fingerprint sensor				
Multimedia					
Audio type	On board				

Multimedia

Audio codec	Realtek ALC269
Audio features	Stereo speakers, 2 internal microphones

Power supply

AC adapter	19 V / 150 W (7.89 A)
Rated voltage range	100 V - 240 V (AC Input)
Rated frequency range	50 Hz - 60 Hz
1st battery	Li-Ion battery 6-cell
Runtime 1st battery	up to 9 hours
Runtime 1st + 2nd battery	up to 14 hours

Dimensions / Weight / Environmental

Dimensions (W x D x H)	379.8 x 257.0 x 35.5 mm
Weight	2.8 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)	Microsoft® Office Starter 2010 (32-bit) Adobe® Reader® Nero Essentials S (burning software) Norton Internet Security (incl. Firewall) Display Manager EasyGuide online user documentation Power Saving Utility ShockSensor Utility SmartAccess Plugfree Network Intel® SBA (Manageability Suite) DTS Surround Software Application Button Utility DeskUpdate (Driver and Utility tool)
Additional software (optional)	Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS)

Manageability

Manageability technology	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) iAMT Intel® Active Manageability Technology v8.0 (not activated, not set up) Intel® vPro™ technology WoL (Wake on LAN)
Manageability software	DeskView Client DeskView Instant BIOS Management DeskView Integration for Symantec Management Platform
DeskView components	Inventory Management BIOS Management Driver Management Security Management Alarm Management
Supported standards	WMI PXE BootP (made4you)
Manageability link	http://www.fujitsu.com/fts/solutions/high-tech/dynamic-infrastructure/solutions/workplace/manageability/feature-finder.html

Security

System protection	Kensington Lock support
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Security	
Audit proof protection	Advanced Theft Protection Computrace® enabled BIOS Optional: Trusted platform module (TPM 1.2) Norton Internet Security (incl. Firewall) 90 days version

Access protection	Integrated Fingerprint Sensor Separate SmartCard slot Hard disk password SystemLock BIOS SmartCard security User and supervisor BIOS password Preboot Authentication with SystemLock 3
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Compliance					
Product	CELSIUS H720 Dual Core K1000M	CELSIUS H720 Dual Core K2000M	CELSIUS H720 Quad Core K1000M	CELSIUS H720 Quad Core K2000M	CELSIUS H720 Quad Core K500M
Germany	GS				
Europe	CE				
USA/Canada	cULus FCC Class B part 15C/E + 22 + 24 (depending on wireless configuration)				
Global	RoHS (EU & China) Medical EMC standard IEC60601-1-2 in combination with medical kit ENERGY STAR® 5.0 (depending on configuration) EPEAT® Gold (dedicated regions)				
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates				

Port Replicator interfaces (optional)	
DC-in	1 (19V)
Power on switch	1
Audio: headphone	1
Audio: microphone	1
USB 3.0 total	4
DisplayPort	1 (up to 2560 x 1600)
VGA	1
DVI	1 (up to 1920 x 1200)
Ethernet (RJ-45)	1 (10/100/1000)
Kensington Lock support	1
eSATA	1
Notes	Port replicator does not support 0-Watt technology, must use AC Adapter 19V/210W (11,05 A).

Warranty	
Standard Warranty	3 years (depending on country)
Service level	Collect & Return Service / Bring-in Service (for countries within region FTS CEMEA&I, for all other countries depending on local regulations)
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty
Maintenance and Support Services - the perfect extension	
Spare Parts availability	5 years after end of product life
Service Weblink	http://www.fujitsu.com/fts/services/support



Notebookcheck.com

Notebookcheck.com – online, Fujitsu CELSIUS H720, test result: good, Germany, November 2012



PC FÖR Alla

PC FÖR Alla, Fujitsu CELSIUS H720, test result: Best in Test (Bäst i test), Sweden - November 2012

Recommended Accessories

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-L317

Prestige Case Maxi 16



The Prestige Case Maxi 16 protects notebooks with up to 16-inch screens. The front half of the bag has compartments for your notebook, power cord, and office supplies. The back half zips open to reveal a second padded equipment compartment with configurable divide that's perfect for a projector. Order Code: S26391-F1191-L61

Supreme Case Grand 16



The Supreme Case Grand 16 protects notebooks with up to 16-inch screens. A padded notebook compartment with shock-absorbing foam ensures your notebook is well protected. Front and back pockets provide space for office supplies and documents. The leather finish, professional design and carrying comfort make it the ideal business case. Order Code: S26391-F1191-L770

Wireless Notebook Mouse W1610



The Wireless Notebook Mouse W1610 uses the latest wireless 2.4 GHz technology, and an ultra-high resolution switchable sensor to give you the precision and reliability you need (1000/1500/2000 dpi). Sporting a stylish silver-black finish, the W1610 wireless mouse is well suited to all environments. Order Code: S26381-K460-L100

SpaceMouse™ Pro



Using the SpaceMouse™ Pro 3D mouse to navigate 3D models or environments is as simple as holding them in your hand. A slight movement of the controller cap delivers easy and precise control. SpaceMouse™ Pro is a companion to the traditional mouse and is operated with the free hand. Your traditional mouse hand is free to select, create and edit. Order Code: S26381-K459-L100

Wireless Keyboard Set LX900



The Wireless Keyboard LX900 is a top of the line desktop solution for lifestyle orientated customers, who want only the best for their desk. This superb keyboard set with offers ambitious users more functions, security and better features than a conventional interface device. It even includes 2.4 GHz technology and 128 AES encryption for security. Order Code: S26381-K564-L4** (**: Country specific variation)

More information

Fujitsu platform solutions

In addition to Fujitsu CELSIUS H720, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio

Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products

www.fujitsu.com/global/services/computing/

Software

www.fujitsu.com/software/

More information

Learn more about Fujitsu CELSIUS H720, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/fts/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 contribute to the creation of a sustainable environment for future generations through IT. Please find further information at <http://www.fujitsu.com/global/about/environment/>



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