Fujitsu recommends Windows.

Data Sheet
FUJITSU CELSIUS H970
Mobile Workstation

Bringing VR to the Streets

Ever wished your laptop could go the distance, even into the future? The FUJITSU CELSIUS H970 mobile workstation pushes the limits in terms of graphics capabilities, storage and connectivity. Do your post-productions in the field, create astounding designs and visualize them in a fully immersive, real-time VR environment.

No limits - desktop workstation replacement at your fingertips

Enjoy the best out of two worlds: workstation performance and notebook portability - at your desk or on the go

■ Choose between Intel® Core™ processors or powerful Intel® Xeon® processor E3-1500M family supporting ECC memory
■ Support of Windows 10 Pro
■ 17.3-inch (43.9 cm) full HD LED anti-glare display
■ Up to 64 GB DDR4 memory (4 SODIMM slots)
■ Dual M.2 SSDs PCIe NVMe technology support quick loading of your applications
■ Integrated Intel graphics for maximum energy efficiency when working on office applications paired with the latest NVIDIA® Quadro® Pascal technology for blazing performance (up to 2048 CUDA cores)
■ Thunderbolt 3 port replicator
■ Made in Japan

We are (VR) ready

Architects, engineers and designers can now showcase their work in a real-time, fully immersive VR environment
■ Powered by the NVIDIA® Quadro® P4000 and P5000 VR-ready graphics cards
■ Ideal for mobile VR showcases at the customer site or at an event

Stop searching for an adapter

In a hyper-connected world there is no need to compromise, regardless of whether you are at the customer site, at an event, in a meeting or in the office
■ 2x Thunderbolt™ 3: USB Type-C™ connector offering more speed (40 GBit/s), more protocols and charging capabilities (power delivery of 15W)
■ Full monitor connectivity: 2x DisplayPort via USB Type-C™, 1x full-size DisplayPort and 1x VGA
■ Up to 9 hours of battery life

COMPONENTS

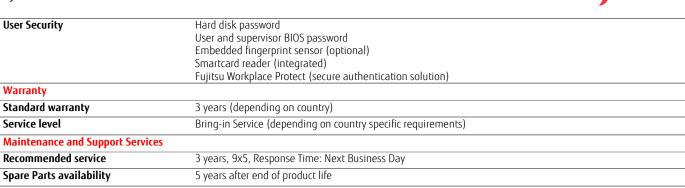|	
Base Unit	CELSIUS H970
Operating System	Windows 10 Pro
Processor	Intel® Xeon® processor E3-1535M v6 (4 Cores / 8 Threads, up to 4.2 GHz) Intel® Core™ i7-7820HQ processor (4 Cores / 8 Threads, up to 3.9 GHz)
Memory modules	8GB nECC/ECC DDR4 2400Mhz 16GB nECC/ECC DDR4 2400Mhz 32GB nECC/ECC DDR4 2400Mhz
Hard disk drives (internal)	PCIe-SSD NVMe, 1024 GB, M.2 module, SED PCIe-SSD NVMe, 512 GB, M.2 module, SED SSD SATA, 1024 GB, 2.5-inch, SED SSD SATA, 512 GB, 2.5-inch, SED HDD SATA, 1000 GB, 5400rpm HDD SATA, 500 GB, 5400rpm Maximum 1x M2 SSD + 2x 2.5" HDD can be installe
Hard disk notes	One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software. Up to 20 GB of HDD space is reserved for system recovery Internal HDD interface: S-ATA III (6GBit/s)
Interface add on cards/components (optional)	
WLAN (Optional)	Intel® Dual Band Wireless-AC 8265 802.11ac/a/b/g/n (2x2) and Bluetooth® 4.2 Combo
Display	43.9 cm (17.3-inch), Full HD, Anti-glare display,1,920 x 1,080 pixel,300:1,300cd/m²
Multimedia	
Camera (Optional)	Built-in webcam, 2.0 megapixel
Microphone	2x digital

Base unit

Base unit	CELSIUS H970
General system information	
Chipset	Intel® QM175 or CM238 (depending on CPU)
Supported capacity RAM (min.)	8 GB
Supported capacity RAM (max.)	64 GB
Memory slots total	4 DIMM (DDR4)
Memory notes	Memory Slots are depending on processor type. 2 DIMM slots with dual core processors, 4 DIMM slots with quad core processor
LAN	Built-in 10/100/1000 MBit/s, Intel® I219LM
BIOS features	InsydeH20 Bios
Audio type	On board
Audio codec	Realtek ALC255 with MaxxAudio
Audio features	Stereo Speakers, 2 digital microphones
Display	
Display notes	ISO 9241-307 - Pixel class II [Full HD] Viewing angle: Left/Right 85°, Top 85°, Bottom 85°; Color Gamut: 72% [4K UHD] Viewing angle: Left/Right 85°, Top 85°, Bottom 85°; Color Gamut: 72%
Graphics	
Graphics card	NVIDIA® Quadro® P3000: 6GB (1280 CUDA Cores) NVIDIA® Quadro® P4000: 8GB (1792 CUDA Cores)
Interfaces	
DC-in	1
Audio	1 combo in/out
Internal microphones	2 digital microphones (array)
USB 3.1 Gen1 total	3

Fujitsu recommends Windows.

FUJITSU

USB 3.1 Gen2 total	1 via USB Type-C
USB Type-C	2 (USB 3.1 Gen2 (10 Gbps), Thunderbolt 3 (20/40Gbps), Power Delivery (15W), DP 1.2)
VGA	1
DisplayPort	1
Ethernet (RJ-45)	1
Memory card slots	1 (SD/SDHC) SD/microSD = 2GB, SDHC/micro SDHC = 32GB, SDXC = 512GB
SmartCard slot	1
Kensington Lock Support	1
Port Replicator interfaces (optional)	
DC-in	1
USB 2.0 total	2
USB 3.1 Gen1 (USB 3.0) total	2
DisplayPort	2
VGA	1
DVI	1
Ethernet (RJ-45)	1
Keyboard and pointing devices	
	US Keyboard w/o Backlight Number of keyboard keys: 104 (w/10 keys), Keyboard pitch: 18.4 mm, Keyboard stroke: 1.7 mm Touchpad with three mouse buttons ECO Button Status LED Power Button
Wireless technologies	
Antennas	2 Dual band WLAN antennas, 2 UMTS/LTE antennas optional, 1 Bluetooth antenna shared with WLAN
Bluetooth	Bluetooth® 4.2
WLAN encryption	WEP, WPA, WPA2
WLAN notes	Import and usage according to country-specific regulations.
WiDi support	Yes (with Intel W-LAN)
Power supply	
AC Adapter	19.5 V / 250 W (13 A)
Battery runtime	up to 9 hours
Battery notes	Battery runtime information is based on worldwide acknowledged BAPCo® MobileMark® 2014 (office productivity). Refer to www.bapco.com for additional details. The BAPCo® MobileMark® Benchmark provides results that enable direct product comparisons between manufacturers. It does not guarantee any specific battery runtime which actually can be lower and may vary depending on product model, configuration, application and power management settings. The battery capacity decreases slightly with every re-charge and over its lifetime.
Dimensions / Weight / Environmental	
Dimensions (W x D x H)	418.0 x 288.0 x 30.0 mm w/o rubber
Weight	Actual weight may vary depending on configuration
Operating ambient temperature	5 - 35 °C (41 - 95 °F)
Operating relative humidity	20 - 80 % (relative humidity, non-condensing)
Compliance	
Global	RoHS (EU & China) ENERGY STAR® 6.1
Manageability	
Manageability technology	PXE 2.1 Boot code Wake up from S5 (off mode) WoL (Wake on LAN) Intel® vPro™ technology (depending on CPU) iAMT 11.0 (depending on CPU)
Supported standards	WMI, PXE
Security	
Physical Security	Kensington Lock support
System and BIOS Security	Optional: Discrete Trusted Platform Module (TPM 2.0)

Fujitsu recommends Windows.

User Security	Hard disk password
	User and supervisor BIOS password
	Embedded fingerprint sensor (optional)
	Smartcard reader (integrated)
	Fujitsu Workplace Protect (secure authentication solution)
Warranty	
Standard warranty	3 years (depending on country)
Service level	Bring-in Service (depending on country specific requirements)
Maintenance and Support Services	
Recommended service	3 years, 9x5, Response Time: Next Business Day
Spare Parts availability	5 years after end of product life

Recommended Accessories

Thunderbolt 3 Port Replicator	Take advantage of the USB Type-C™ connector offering more speed (40 Gbps), more protocols and charging capabilities

Fujitsu Prestige Backpack	The FUJITSU Prestige Backpack 17 protects notebooks with up to 17-inch displays. It contains three large compartments, two elastic mesh side pockets and a front bay. The padded back compartment provides protection for your notebook, while other sections store power adaptors and office supplies. Padded shoulder straps and back cushions provide comfort on the move.

Fujitsu Display P24-8 WS Pro	The FUJITSU P24-8 WS Pro display (24-inch, 16:10) provides outstanding picture performance thanks to cutting edge panel technology. It is the perfect choice for CAD and document management applications with request for 1,200 lines. It also boasts unique and innovative features such as our patent-applied Presence Sensor technology and USB support during standby.

Fujitsu recommends Windows.

FUJITSU

More information

Fujitsu platform solutions

In addition to Fujitsu CELSIUS H970, 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 data centre 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

More information

To learn more about Fujitsu CELSIUS H970, please contact your Fujitsu sales representative, Fujitsu Business partner, or visit our website.
http://hk.fujitsu.com/pc

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/

Green Policy Innovation

Contact Us

HONG KONG
Fujitsu PC Asia Pacific Ltd
Tel: (852) 3910-8228
Email: fpca.hksales@hk.fujitsu.com
hk.fujitsu.com/pc

PHILIPPINES
Fujitsu Philippines, Inc.
Tel: (63) 2-812-4001
Email: info@ph.fujitsu.com
ph.fujitsu.com/pc

VIETNAM
Fujitsu Vietnam Limited (Hanoi)
Tel: (84) 4-2220-3113
Email: sales@vn.fujitsu.com
vn.fujitsu.com/pc

SINGAPORE
Fujitsu Asia Pte Ltd.
Tel: (65) 6710-5403
E mail: fsg.info.pc@sg.fujitsu.com
sg.fujitsu.com/pc

MALAYSIA
Fujitsu (Malaysia) Sdn. Bhd
Tel: (60) 3-8318-3700
Email: marketing@my.fujitsu.com
my.fujitsu.com/pc

CHINA
Fujitsu (China) Co., Ltd.
Tel: (86) 021-26079126
Email: cpcacn.support@cn.fujitsu.com
cn.fujitsu.com/pc

TAIWAN
Fujitsu Taiwan Ltd.
Tel: (886) 0800-688-028
Email: lifebook@tw.fujitsu.com
tw.fujitsu.com/pc

INDONESIA
Pt. Fujitsu Indonesia
Tel: (62) 21-570-9330
Email: callcenter@id.fujitsu.com
id.fujitsu.com/pc

THAILAND
Fujitsu (Thailand) Co., Ltd
Tel: (66) 0-2302-1500
Email: info@th.fujitsu.com
th.fujitsu.com/pc

Note: For countries not listed above, please contact our Hong Kong office.

Last Update: 6th July 2017