

Fujitsu recommends Windows 10 Pro.

# Data Sheet

## FUJITSU Workstation CELSIUS M770power

Innovation. Power. Creativity.

At Fujitsu, we are proud of our engineering capabilities which allowed us to optimize the CELSIUS M770power to combat today's professional and technical challenges making it the ideal desktop workstation for computer-aided engineering area as well as demanding media & entertainment applications.

### Performance you can count on

Spectrum of performance due to a wide range of professional grade features

- Choose between Intel® Core™ processors or the powerful Intel® Xeon® Processor W Family
- Support of Windows 10 Pro for Workstations
- Support of up to 256 GB DDR4 2,666 memory
- Fujitsu SSD PCIe card (up to 2 x 1 TB)

### Smart Security

Human centric innovation meets security

- Optional security lock (side door and front access)
- Intrusion detector sensor integrated into the power supply
- USB keyboard with integrated PalmSecure™: Easy log-on with the help of your palm veins

### Smart Usability and Smart Access

Engineering excellence and easy serviceability

- Cable-free design and green touchpoints
- Cold-plug technology: Storage accessible via a front disk tray
- Rack mountable (4U)

### Made in Germany

From design to production – an “IT made in Germany” quality in which you can trust

- Comprehensive testing in certified in-house laboratories for 24/7 operation
- Intelligent tri-channel thermal management
- iF GOLD AWARD 2018

### We are (VR) ready

Enjoy a fully immersive and real-time virtual reality experience with low latency at high frame rates

- Intel® processors with up to 4.30 GHz frequency
- NVIDIA® Quadro® P4000, P5000 and P6000 VR-ready graphics cards



RADEON PRO WX

# Components

	CELSIUS M770power (S26361-K1507-V415)	CELSIUS M770powerx (S26361-K1507-V515)
<b>Processor</b>	Intel® Xeon® processor W-2102 (4 Cores, 2.90 GHz) Intel® Xeon® processor W-2104 (4 Cores, 3.20 GHz) Intel® Xeon® processor W-2123 (4 Cores, 3.60 GHz, up to 3.9 GHz) Intel® Xeon® processor W-2125 (4 Cores, 4.00 GHz, up to 4.5 GHz) Intel® Xeon® processor W-2133 (6 Cores, 3.60 GHz, up to 3.9 GHz) Intel® Xeon® processor W-2135 (6 Cores, 3.70 GHz, up to 4.5 GHz) Intel® Xeon® processor W-2145 (8 Cores, 3.70 GHz, up to 4.5 GHz) Intel® Xeon® processor W-2155 (10 Cores, 3.30 GHz, up to 4.5 GHz) Intel® Xeon® processor W-2175 (14 cores, 2.50 GHz, up to 4.4 GHz)	Intel® Core™ i7-7800X processor (6 Cores / 12 Threads, 3.50 GHz, up to 4.0 GHz, 8.25 MB) Intel® Core™ i7-7820X processor (8 Cores / 16 Threads, 3.60 GHz, up to 4.3 GHz, 11 MB) Intel® Core™ i9-7900X processor (10 Cores / 20 Threads, 3.30 GHz, up to 4.3 GHz, 13.75 MB) Intel® Core™ i9-7940X processor (14 Cores / 28 Threads, 3.10 GHz, up to 4.3 GHz, 13.75 MB) Intel® Core™ i9-7980XE processor (18 Cores / 36 Threads, 2.60 GHz, up to 4.2 GHz, 24.75 MB)
	Intel® vPro™ technology	
<b>Operating systems</b>		
<b>Operating system pre-installed</b>	Windows 10 Pro for Workstations	Windows 10 Pro for Workstations Windows 10 Pro
<b>Operating system compatible</b>	Windows 7 Professional (available through downgrade rights from Windows 10 Pro) Linux	
<b>Operating system notes</b>	Certified for Red Hat® Enterprise Linux Certified for SUSE Enterprise Desktop Certified for SUSE Enterprise Server Windows 10 Support: After the end of the product life FUJITSU will continue to test and support all upcoming Windows 10 releases for a period of maximum 5 years – depending on the available extension of hardware services through FUJITSU Warranty top ups. For details please see “FUJITSU Service Statement for Windows 10 Semi-Annual-Channel Support” at <a href="http://support.ts.fujitsu.com">http://support.ts.fujitsu.com</a> .	
	CELSIUS M770power (S26361-K1507-V415)	CELSIUS M770powerx (S26361-K1507-V515)
<b>Memory modules</b>	8 GB (1 module(s) 8 GB) DDR4, registered, ECC, 2,666 MT/s 16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,666 MT/s 32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,666 MT/s	8 GB (1 module(s) 8 GB) DDR4, unbuffered, non-ECC, 2,666 MT/s, UDIMM 16 GB (1 module(s) 16 GB) DDR4, unbuffered, non-ECC, 2,666 MT/s, UDIMM

	CELSIUS M770power (S26361-K1507-V415)	CELSIUS M770powerx (S26361-K1507-V515)
<b>Graphics</b>	<p>Ultra-high-end 3D: NVIDIA® Quadro® RTX 6000, 24 GB, PCIe x16, 4 x DisplayPort, 1 x Virtual Link</p> <p>Ultra-high-end 3D: NVIDIA® Quadro® RTX 5000, 16 GB, PCIe x16, 4 x DisplayPort, 1 x Virtual Link</p> <p>Ultra-high-end 3D: NVIDIA® Quadro® P6000, 24 GB, PCIe x16, 1 x Dual Link DVI-D, 4 x DisplayPort</p> <p>Ultra-high-end 3D: NVIDIA® Quadro® P5000, 16 GB, PCIe x16, 1 x Dual Link DVI-D, 4 x DisplayPort</p> <p>Ultra-high-end 3D: NVIDIA® Quadro® GV100, 32 GB, PCIe x16, 4 x DisplayPort</p> <p>High-end 3D: NVIDIA® Quadro® RTX 4000, 8 GB, PCIe x16, 3 x DisplayPort, 1 x Virtual Link</p> <p>High-end 3D: NVIDIA® Quadro® P4000, 8 GB, PCIe x16, 4 x DisplayPort</p> <p>High-end 3D: AMD Radeon™ Pro WX 7100 , 8 GB, PCIe x16, 4 x DisplayPort</p> <p>Midrange 3D: NVIDIA® Quadro® P2200, 5 GB, PCIe x16, 4 x DisplayPort</p> <p>Midrange 3D: NVIDIA® Quadro® P2000, 5 GB, PCIe x16, 4 x DisplayPort</p> <p>Midrange 3D: AMD Radeon™ Pro WX 5100, 8 GB, 320 stream processors, PCIe x16, 4 x DisplayPort</p> <p>Entry 3D: NVIDIA® Quadro® P620, 2 GB, PCIe x16, 4 x miniDP</p> <p>Entry 3D: NVIDIA® Quadro® P400 , 2 GB, PCIe x16, 3 x miniDP</p> <p>Entry 3D: NVIDIA® Quadro® P1000, 4 GB, PCIe x16, 4 x miniDP</p> <p>Entry 3D: AMD Radeon™ Pro WX 3100, 4 GB, 320 stream processors, PCIe x16, 1 x DisplayPort, 2 x miniDP</p> <p>Entry 3D: AMD Radeon™ Pro WX 2100, 2 GB, 320 stream processors, PCIe x16, 1 x DisplayPort, 2 x miniDP</p> <p>Remote Graphics: CELSIUS RemoteAccess Quad Card, PCIe x1, 4 x miniDP, PCoIP</p> <p>Remote Graphics: CELSIUS RemoteAccess Dual Card, PCIe x1, 2 x miniDP, PCoIP</p> <p>Others: MiniDP to DP Adapter Cable</p> <p>Others: DP to DVI-D (single link) Adapter Cable</p>	<p>Ultra-high-end 3D: NVIDIA® Quadro® RTX 6000, 24 GB, PCIe x16, 4 x DisplayPort, 1 x Virtual Link</p> <p>Ultra-high-end 3D: NVIDIA® Quadro® RTX 5000, 16 GB, PCIe x16, 4 x DisplayPort, 1 x Virtual Link</p> <p>Ultra-high-end 3D: NVIDIA® Quadro® P6000, 24 GB, PCIe x16, 1 x Dual Link DVI-D, 4 x DisplayPort</p> <p>Ultra-high-end 3D: NVIDIA® Quadro® P5000, 16 GB, PCIe x16, 1 x Dual Link DVI-D, 4 x DisplayPort</p> <p>Ultra-high-end 3D: NVIDIA® Quadro® GV100, 32 GB, PCIe x16, 4 x DisplayPort</p> <p>High-end 3D: NVIDIA® Quadro® RTX 4000, 8 GB, PCIe x16, 3 x DisplayPort, 1 x Virtual Link</p> <p>High-end 3D: NVIDIA® Quadro® P4000, 8 GB, PCIe x16, 4 x DisplayPort</p> <p>High-end 3D: AMD Radeon™ Pro WX 7100 , 8 GB, PCIe x16, 4 x DisplayPort</p> <p>Midrange 3D: NVIDIA® Quadro® P2200, 5 GB, PCIe x16, 4 x DisplayPort</p> <p>Midrange 3D: NVIDIA® Quadro® P2000, 5 GB, PCIe x16, 4 x DisplayPort</p> <p>Midrange 3D: AMD Radeon™ Pro WX 5100, 8 GB, 320 stream processors, PCIe x16, 4 x DisplayPort</p> <p>Entry 3D: NVIDIA® Quadro® P620, 2 GB, PCIe x16, 4 x miniDP</p> <p>Entry 3D: NVIDIA® Quadro® P400 , 2 GB, PCIe x16, 3 x miniDP</p> <p>Entry 3D: NVIDIA® Quadro® P1000, 4 GB, PCIe x16, 4 x miniDP</p> <p>Entry 3D: AMD Radeon™ Pro WX 3100, 4 GB, 320 stream processors, PCIe x16, 1 x DisplayPort, 2 x miniDP</p> <p>Entry 3D: AMD Radeon™ Pro WX 2100, 2 GB, 320 stream processors, PCIe x16, 1 x DisplayPort, 2 x miniDP</p> <p>Others: MiniDP to DP Adapter Cable</p> <p>Others: DP to DVI-D (single link) Adapter Cable</p>

	CELSIUS M770power (S26361-K1507-V415)	CELSIUS M770powerx (S26361-K1507-V515)
<b>Hard disk drive</b>	HDD SAS, 10,000 rpm, 1200 GB, 2.5-inch HDD SAS, 10,000 rpm, 1800 GB, 2.5-inch HDD SAS, 10,000 rpm, 2400 GB, 2.5-inch HDD SAS, 10,000 rpm, 600 GB, 2.5-inch HDD SATA III, 7,200 rpm, 1,000 GB, 2.5-inch, business critical HDD SATA III, 7,200 rpm, 1,000 GB, 3.5-inch HDD SATA III, 7,200 rpm, 1,000 GB, 3.5-inch, business critical HDD SATA III, 7,200 rpm, 2,000 GB, 2.5-inch, business critical HDD SATA III, 7,200 rpm, 2,000 GB, 3.5-inch HDD SATA III, 7,200 rpm, 2,000 GB, 3.5-inch, business critical HDD SATA III, 7,200 rpm, 4,000 GB, 3.5-inch, business critical HDD SATA III, 7,200 rpm, 500 GB, 3.5-inch HDD SATA III, 7,200 rpm, 6,000 GB, 3.5-inch, business critical SSD PCIe, 1000 GB U.2, 2.5-inch, business critical SSD PCIe, 1024 GB M.2 NVMe Highend module SSD PCIe, 1024 GB M.2 NVMe module SSD PCIe, 1x 1024 GB M.2 NVMe card SSD PCIe, 1x 2048 GB M.2 NVMe Highend card SSD PCIe, 1x 256 GB M.2 NVMe card SSD PCIe, 1x 256 GB M.2 NVMe Highend card SSD PCIe, 1x 512 GB M.2 NVMe card SSD PCIe, 1x 512 GB M.2 NVMe Highend card SSD PCIe, 1x1024 GB M.2 NVMe Highend card SSD PCIe, 2048 GB M.2 NVMe Highend module SSD PCIe, 256 GB M.2 NVMe Highend module SSD PCIe, 256 GB M.2 NVMe module SSD PCIe, 2x 1024 GB M.2 NVMe card SSD PCIe, 2x 1024 GB M.2 NVMe Highend card SSD PCIe, 2x 2048 GB M.2 NVMe Highend card SSD PCIe, 2x 256 GB M.2 NVMe card SSD PCIe, 2x 256 GB M.2 NVMe Highend card SSD PCIe, 2x 512 GB M.2 NVMe card SSD PCIe, 2x 512 GB M.2 NVMe Highend card SSD PCIe, 500 GB U.2, 2.5-inch, business critical SSD PCIe, 512 GB M.2 NVMe Highend module SSD PCIe, 512 GB M.2 NVMe module SSD SATA III, 1024 GB, 2.5-inch SSD SATA III, 240 GB High Endurance, 1DWDP, 2.5-inch SSD SATA III, 256 GB, 2.5-inch SSD SATA III, 256 GB, 2.5-inch, SED SSD SATA III, 480 GB High Endurance, 1DWDP, 2.5-inch SSD SATA III, 512 GB, 2.5-inch SSD SATA III, 512 GB, 2.5-inch, SED SSD SATA III, 960 GB High Endurance, 1DWDP, 2.5-inch	HDD SATA III, 7,200 rpm, 1,000 GB, 2.5-inch, business critical HDD SATA III, 7,200 rpm, 1,000 GB, 3.5-inch HDD SATA III, 7,200 rpm, 1,000 GB, 3.5-inch, business critical HDD SATA III, 7,200 rpm, 2,000 GB, 2.5-inch, business critical HDD SATA III, 7,200 rpm, 2,000 GB, 3.5-inch HDD SATA III, 7,200 rpm, 2,000 GB, 3.5-inch, business critical HDD SATA III, 7,200 rpm, 4,000 GB, 3.5-inch, business critical HDD SATA III, 7,200 rpm, 500 GB, 3.5-inch HDD SATA III, 7,200 rpm, 6,000 GB, 3.5-inch, business critical SSD PCIe, 1024 GB M.2 NVMe Highend module SSD PCIe, 1024 GB M.2 NVMe module SSD PCIe, 1x 1024 GB M.2 NVMe card SSD PCIe, 1x 2048 GB M.2 NVMe Highend card SSD PCIe, 1x 256 GB M.2 NVMe card SSD PCIe, 1x 256 GB M.2 NVMe Highend card SSD PCIe, 1x 512 GB M.2 NVMe card SSD PCIe, 1x 512 GB M.2 NVMe Highend card SSD PCIe, 1x1024 GB M.2 NVMe Highend card SSD PCIe, 2048 GB M.2 NVMe Highend module SSD PCIe, 256 GB M.2 NVMe Highend module SSD PCIe, 256 GB M.2 NVMe module SSD PCIe, 2x 1024 GB M.2 NVMe card SSD PCIe, 2x 1024 GB M.2 NVMe Highend card SSD PCIe, 2x 2048 GB M.2 NVMe Highend card SSD PCIe, 2x 256 GB M.2 NVMe card SSD PCIe, 2x 256 GB M.2 NVMe Highend card SSD PCIe, 2x 512 GB M.2 NVMe card SSD PCIe, 2x 512 GB M.2 NVMe Highend card SSD PCIe, 512 GB M.2 NVMe Highend module SSD PCIe, 512 GB M.2 NVMe module SSD SATA III, 1024 GB, 2.5-inch SSD SATA III, 240 GB High Endurance, 1DWDP, 2.5-inch SSD SATA III, 256 GB, 2.5-inch SSD SATA III, 256 GB, 2.5-inch, SED SSD SATA III, 480 GB High Endurance, 1DWDP, 2.5-inch SSD SATA III, 512 GB, 2.5-inch SSD SATA III, 512 GB, 2.5-inch, SED SSD SATA III, 960 GB High Endurance, 1DWDP, 2.5-inch
<b>Hard disk notes</b>	One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. 24/7 ready (Business Critical HDDs or SAS HDDs or High Endurance SSDs required) Up to 20 GB of HDD space is reserved for system recovery SED (Self-Encrypting Drive) SSD (Solid State Disk)	
	CELSIUS M770power (S26361-K1507-V415)	CELSIUS M770powerx (S26361-K1507-V515)
<b>Optical drive</b>	MultiCard Reader 24in1 USB 2.0 3.5", USB 2.0 DVD-ROM DVD Super Multi, SATA DVD Super Multi ultra slim (tray), SATA BD Triple Writer SATA ultra slim (tray), SATA	MultiCard Reader 24in1 USB 2.0 3.5", USB 2.0 DVD-ROM DVD Super Multi, SATA DVD Super Multi ultra slim (tray), SATA BD Triple Writer SATA ultra slim (tray), SATA

<b>SCSI / SAS Controller</b>	LSI RAID Ctrl SAS 1GB (D3216) RAID 5/6 Ctrl. 12 Gbit/s 8 ports int.	
	LSI RAID Ctrl SAS (D3327) RAID 0/1 Ctrl. 12 Gbit/s 8 ports int.	
	Intel VROC HW key Standard M.2	
	Intel VROC HW key Premium U.2	
	CELSIUS M770power (S26361-K1507-V415)	CELSIUS M770powerx (S26361-K1507-V515)
<b>Interfaces add on cards / components</b>	WLAN 802.11ac (2x2) PCIe x1 FH and BT 4.1 (dedicated regions only, up to BT 4.2 depending on OS version) WLAN 802.11ac (2x2) PCIe x1 FH (dedicated regions only) PLAN EP X550-T2 2x10GBASE-T Intel 2x1Gb Ethernet Adapter I350-T2 Gigabit Ethernet PCIe x1 eSATA Interface Dual serial card PCIe x1 Dual 10 Gigabit Ethernet PCIe x8	WLAN 802.11ac (2x2) PCIe x1 FH and BT 4.1 (dedicated regions only, up to BT 4.2 depending on OS version) WLAN 802.11ac (2x2) PCIe x1 FH (dedicated regions only) Gigabit Ethernet PCIe x1 eSATA Interface Dual serial card PCIe x1 Dual 10 Gigabit Ethernet PCIe x8
<b>Base unit</b>	CELSIUS M770power (S26361-K1507-V415)	CELSIUS M770powerx (S26361-K1507-V515)
<b>Mainboard</b>		
<b>Mainboard type</b>	D3498-A	D3498-U
<b>Formfactor</b>	extended ATX	extended ATX
<b>Chipset</b>	Intel® C422	Intel® X299
<b>Processor socket</b>	Socket R4	Socket R4
<b>Processor quantity maximum</b>	1	1
<b>Supported capacity RAM (max.)</b>	256 GB	128 GB
<b>Memory slots</b>	8 DIMM (DDR4) ECC	8 DIMM (DDR4)
<b>Memory frequency</b>	2,666 MT/s	2,666 MT/s
<b>Memory notes</b>	4 memory channels supporting up to 2 DIMMs per channel. For quad channel, a minimum of 4 memory modules have to be ordered and the capacity per channel has to be the same. DDR4 2,666MHz may be clocked down to 2,400 or 2,133 depending on the processor.	4 memory channels supporting up to 2 DIMMs per channel. For quad channel, a minimum of 4 memory modules have to be ordered and the capacity per channel has to be the same. DDR4 2,666MHz or 2,400MHz (depending on CPU) may be clocked down depending on the memory configuration.
<b>LAN</b>	10/100/1,000 MBit/s Intel® I219LM	10/100/1,000 MBit/s Intel® I219LM
<b>BIOS version</b>	AMI Aptio V	AMI Aptio V
<b>BIOS features</b>	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)
<b>Audio type</b>	On board	On board
<b>Audio codec</b>	Realtek ALC671	Realtek ALC671
<b>Audio features</b>	High Definition Audio	High Definition Audio
<b>I/O controller on board</b>		
<b>Serial ATA total</b>	8	
<b>thereof SATA III</b>	8	
<b>thereof eSATA</b>		
<b>Controller functions</b>	Serial ATA III (6 Gbit) NCQ AHCI RAID 0/1/5/10	
<b>Interfaces</b>		
<b>Audio: in (rear)</b>	1	
<b>Audio: out (rear)</b>	1	
<b>Audio: in</b>	1	
<b>Audio: out</b>	1	
<b>Internal speakers</b>	1	
<b>USB 2.0 total</b>	2 optional via front panel	

**Interfaces**

USB 3.1 Gen1 (USB 3.0) total	6
USB 3.1 Gen2 total	2 optional via front panel
USB front	2x USB 2.0; 2x USB 3.1 (Gen1); optional: 2x USB 3.1 Type-C (Gen2) instead of 2x USB 2.0
USB rear	6
USB internal	3, thereof 1 type A
Ethernet (RJ-45)	1
eSATA	1 (optional)
Interface Module notes	Anytime USB charge functionality

**Drive bays**

Drive bays total	7
2.5-inch internal bays	4
3.5-inch internal bays	4
3.5-inch external bays	1
5.25-inch external bays	1
Drive bay notes	Total 4x 3.5-inch/2.5-inch Disk Tray front accessible (with Cold-plug access)
M.2-2280	1 x on mainboard (for PCIe SSD modules)

**Slots**

PCI-Express 3.0 x1	2 x (340 mm / 13.39 inch) Full height	2 x (340 mm / 13.39 inch) Full height
PCI-Express 3.0 x4	2 x (340 mm / 13.39 inch) Full height	1 x (200 mm / 7.87 inch) Full height
PCI-Express 3.0 x8	1 x (200 mm) Full height	1 x (340 mm) Full height
PCI-Express 3.0 x16	2 x (340 mm / 13.39 inch) Full height	1 x (340 mm / 13.39 inch) Full height
Slots optional configuration	Upgrade 1x PCI-Express 3.0x8 to 1x PCI-Express 3.0x16, additional 2x PCI-Express 3.0x4 (340 mm/ 13.39 inch) with Intel® Core™ i9 processor	

Graphics brand name		
Graphics notes	NVIDIA® Quadro® P6000, P5000 and P4000 support SLI	
Base unit	CELSIUS M770power (S26361-K1507-V415)	CELSIUS M770powerx (S26361-K1507-V515)

**Electrical values**

Power consumption note	400 W depending on configuration	
Rated voltage range	100 V - 240 V	
Rated frequency range	50 Hz - 60 Hz	
Operating voltage range	90 V - 264 V	
Operating line frequency range	47 Hz - 63 Hz	
Max. output of single power supply	800 W up to 90% efficiency	
Power factor correction/active power	active	
Power supply output	2 graphics power rails (on Mainboard)	
Base unit	CELSIUS M770power (S26361-K1507-V415)	CELSIUS M770powerx (S26361-K1507-V515)

**Noise for standard configuration (HDD, ODD)**

Related Processors for noise	140W Thermal Design Power (TDP) Processor	140W Thermal Design Power (TDP) Processor
Standard noise emission	According to ISO 7779:2010, ECMA-74	According to ISO 7779:2010, ECMA-74
Standard noise notes / description	A-weighted sound power level Lw <sub>ad</sub> (in B) / Workplace related A-weighted sound pressure level Lp <sub>Am</sub> (in dB(A))	A-weighted sound power level Lw <sub>ad</sub> (in B) / Workplace related A-weighted sound pressure level Lp <sub>Am</sub> (in dB(A))
Standard noise operation mode: CPU 50% load	3.6 B / 20 dB(A) Bystander position	3.6 B / 20 dB(A) Bystander position
Standard noise operation mode: CPU 90% load	3.7 B / 20 dB(A) Bystander position	3.7 B / 20 dB(A) Bystander position
Standard noise operation mode: HDD load	3.5 B / 19 dB(A) Bystander position	3.5 B / 19 dB(A) Bystander position

**Noise for standard configuration (HDD, ODD)**

Standard noise operation mode: Idle mode	3.5 B / 19 dB(A) Bystander position	3.5 B / 19 dB(A) Bystander position
Standard noise operation mode: ODD load	4.5 B / 28 dB(A) Bystander position	4.5 B / 28 dB(A) Bystander position
Standard noise operation mode: Office applications 2.0	3.7 B / 21 dB(A) Bystander position	3.7 B / 21 dB(A) Bystander position

**Dimensions / Weight / Environmental**

Dimensions (W x D x H)	176 x 500 x 433 mm 6.9 x 19.7 x 17.1 inch
Operating position	Vertical / horizontal
Weight	approx. 18 kg
Weight (lbs)	approx. 39.67 lbs
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	10 - 35 °C (50 - 95 °F)
Operating relative humidity	5 - 85 % (relative humidity)

**Compliance**

Product	CELSIUS M770power
Model	CM17
Germany	GS depending on configuration
Europe	CE
USA/Canada	FCC Class B cCSAus
Global	RoHS (EU & China) Microsoft Operating Systems (HCT / HCL entry / WHQL) WEEE (Waste electrical and electronic equipment) ENERGY STAR® 7.0 compliant
China	CCC (depending on configuration) TPM 2.0 for China (optional)
Compliance notes	Product Name maybe followed by suffixes
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>

**Additional Software**

Additional software (preinstalled)	Workplace Protect (secure authentication solution) McAfee® LiveSafe™ (provides award-winning antivirus protection for your PC and much more. 30 days trial pre-installed) Microsoft Office (1 month trial for new Microsoft® Office 365 customers. Buy Microsoft Office.)	
Additional software (optional)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD) CyberLink PowerDVD BD (playback software for Blu-ray Disc™) CyberLink PowerDVD DVD (playback software for DVD) Nero Essentials XL	
Base unit	CELSIUS M770power (S26361-K1507-V415)	CELSIUS M770powerx (S26361-K1507-V515)

**Security**

Physical Security	Kensington Lock support Eye for padlock Intrusion switch Integrated cabinet lock (optional)	Kensington Lock support Eye for padlock Intrusion switch Integrated cabinet lock (optional)
System and BIOS Security	Embedded security (TPM 2.0) Boot sector virus protection Write protect option for the Flash EPROM Control of all USB interfaces External USB ports can be disabled separately Control of external interfaces	Embedded security (TPM 2.0) Boot sector virus protection Write protect option for the Flash EPROM Control of all USB interfaces External USB ports can be disabled separately Control of external interfaces

<b>Security</b>		
<b>User Security</b>	User and supervisor BIOS password Hard disk password Access protection via external SmartCard reader (optional) Access protection via internal SmartCard reader (optional) Workplace Protect (secure authentication solution)	User and supervisor BIOS password Hard disk password Access protection via external SmartCard reader (optional) Access protection via internal SmartCard reader (optional) Workplace Protect (secure authentication solution)
<b>Workplace Embedded Tools</b>	Auto BIOS Update via Fujitsu Server Auto BIOS Update via customer server (optional) Easy PC Protection (optional)	Auto BIOS Update via Fujitsu Server Auto BIOS Update via customer server (optional) Easy PC Protection (optional)
<b>Manageability</b>		
<b>Manageability technology</b>	DeskUpdate Driver management iAMT 11.6 (depending on processor) PXE 2.1 Boot code Wake up from S5 (off mode) Intrusion switch (optional) WoL (Wake on LAN)	
<b>Manageability software</b>	DeskView Client DeskView Instant BIOS Management	
<b>DeskView components</b>	Inventory Management BIOS Management Driver Management Security Management Alarm Management	
<b>Supported standards</b>	WMI (Windows Management Instrumentation) PXE (Preboot Execution Environment) DMI (Desktop Management Interface) SMBIOS (System Management BIOS) WBEM (Web Based Enterprise Management) CIM (Common Information Model)	
<b>Manageability link</b>	<a href="http://www.fujitsu.com/fts/manageability">http://www.fujitsu.com/fts/manageability</a>	
<b>Miscellaneous</b>		
	Rack mountable (4U)	Rack mountable (4U)
<b>Spare part availability</b>	5 years	5 years
<b>Packaging information</b>		
<b>Packaging notes</b>	printed user documentation is bleached in chlorine free process	printed user documentation is bleached in chlorine free process
<b>Warranty</b>		
<b>Warranty period</b>	3 years (depending on country)	
<b>Warranty type</b>	Bring-In / Onsite Service (for countries within region EMEA, for all other countries depending on local regulations)	
<b>Warranty Terms &amp; Conditions</b>	<a href="http://www.fujitsu.com/warranty">http://www.fujitsu.com/warranty</a>	
<b>Product Support Services - the perfect extension</b>		
<b>Recommended Service</b>	9x5, Onsite Response Time: Next Business Day	
<b>Spare Parts availability</b>	5 years after end of product life	
<b>Service Weblink</b>	<a href="http://www.fujitsu.com/emeia/products/product-support-services/">http://www.fujitsu.com/emeia/products/product-support-services/</a>	

## Recommended Accessories

### Display P27-8 TS Pro



If you're a pixel, color and performance-hungry professional using demanding applications, the FUJITSU P27-8 TS Pro Display is the perfect choice. The display provides outstanding picture performance thanks to cutting-edge panel technology and 3.7 Mio pixels. It also boasts unique and innovative features such as our patent-applied Presence Sensor technology and USB support during standby.

Order Code:  
S26361-K1594-V160



**Display B34-9 UE**



The FUJITSU Display B34-9 UE is an ultrawide curved display with 3440 x 1440 resolution with a thin bezel housing. The monitor has a 1900R curvature and a wide viewing angle that delivers consistent picture quality, DisplayView™ software and a range of connectivity options ideal for medium- and large-sized businesses.

Order Code:  
S26361-K1642-V140

**Blue LED Mouse GL9000**



Blue LED Mouse GL9000 comes in a slim design with proven Fujitsu engineering quality. The state-of-the-art blue LED sensor enables ultra precise switchable resolution at 1,000, 1,500 and 2,000 dpi. Blue LED Mouse GL9000 makes your life easier because it's tailor-made for right handed users. It just feels great in your hand.

Order Code:  
S26381-K438-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

**Keyboard KB950 Phone**

The KB950 Phone is a modern and slim line USB keyboard with integrated Skype for business features. This extremely reliable, high-speed input device is the perfect way to manage incoming and outgoing calls, even when the system is locked. Three additional keys make it easy to accept and end calls and mute your microphone during a call. Easy number dialing is assured with the numpad. The integrated 61 x 12 mm display shows the time and date, the user status and shows incoming call data in the form of the calling number and caller ID.

S26381-F950-L4\*\* (\*\*:  
Country specific variation)

# More information

## Fujitsu products, solutions & services

In addition to the FUJITSU Workstation CELSIUS M770power, 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/products/computing/](http://www.fujitsu.com/global/products/computing/)

### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

## More information

Learn more about the FUJITSU Workstation CELSIUS M770power, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
[www.fujitsu.com/fts/CELSIUS](http://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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