

Fujitsu recommends Windows 10 Pro.

Data Sheet

FUJITSU Workstation CELSIUS W570power+

VR-ready CAD Powerhouse

We are (VR) ready for the future: As an industry first, the FUJITSU CELSIUS W570power+ desktop workstation goes far and beyond with its innovative 21 liter, space-saving microtower design. Now, engineers, designers and architects don't need to choose anymore between performance, expandability, price and space.

No compromise in terms of performance, expandability and price

Designed with CAD customers in mind: performance, reliability and great flexibility - at an affordable price

- Choose between the energy-efficient Intel® Core™ processors or the powerful Intel® Xeon® E3-1200 v6 processor family
- Support of Windows 10 Pro
- Support of Windows 7 with selected processors
- 64 GB DDR4 2,400 MHz memory (incl. ECC)
- Maximum capacity of 28 TB
- Broad choice of processors and professional graphics cards
- Boost your storage performance with super-fast PCIe SSDs
- Support of 24/7 operation with reliable high-endurance and business critical drives

Innovative, new space saving design

Our lightest and most energy efficient microtower desktop workstation

- Industry first: 21 liter desktop workstation
- Cable-free design
- Easy accessibility of storage devices in the front (cold-plug)
- Optimized thermal management and cooling solutions
- Enjoy a silent workplace environment thanks to a low noise emission of only 18 dB(A)
- Reduced energy consumption thanks to a 400W power supply
- Designed, engineered and produced in Germany

We are (VR) ready for the future

Industry's smallest VR-ready desktop workstation. Enjoy a fully immersive and real-time experience

- Powered by the NVIDIA® Quadro® P4000 VR-ready graphics



RADEON PRO WX



Components

Processor	Intel® Xeon® processor E3-1280v6 (4 Cores / 8 Threads, 3.90 GHz, up to 4.2 GHz, 8 MB) *
	Intel® Xeon® processor E3-1280v5 (4 Cores / 8 Threads, 3.70 GHz, up to 4.0 GHz, 8 MB) *, **
	Intel® Xeon® processor E3-1275v6 (4 Cores / 8 Threads, 3.80 GHz, up to 4.2 GHz, 8 MB) *
	Intel® Xeon® processor E3-1275v5 (4 Cores / 8 Threads, 3.60 GHz, up to 4.0 GHz, 8 MB, Intel® HD Graphics P530) *, **
	Intel® Xeon® processor E3-1270v6 (4 Cores / 8 Threads, 3.80 GHz, up to 4.2 GHz, 8 MB) *
	Intel® Xeon® processor E3-1270v5 (4 Cores / 8 Threads, 3.60 GHz, up to 4.0 GHz, 8 MB) *, **
	Intel® Xeon® processor E3-1245v6 (4 Cores / 8 Threads, 3.70 GHz, up to 4.1 GHz, 8 MB) *
	Intel® Xeon® processor E3-1245v5 (4 Cores / 8 Threads, 3.50 GHz, up to 3.9 GHz, 8 MB, Intel® HD Graphics P530) *, **
	Intel® Xeon® processor E3-1240v6 (4 Cores / 8 Threads, 3.70 GHz, up to 4.1 GHz, 8 MB) *
	Intel® Xeon® processor E3-1240v5 (4 Cores / 8 Threads, 3.50 GHz, up to 3.9 GHz, 8 MB) *, **
	Intel® Xeon® processor E3-1230v6 (4 Cores / 8 Threads, 3.50 GHz, up to 3.9 GHz, 8 MB) *
	Intel® Xeon® processor E3-1230v5 (4 Cores / 8 Threads, 3.40 GHz, up to 3.8 GHz, 8 MB) *, **
	Intel® Xeon® processor E3-1225v6 (4 Cores / 4 Threads, 3.30 GHz, up to 3.7 GHz, 8 MB) *
	Intel® Xeon® processor E3-1225v5 (4 Cores / 4 Threads, 3.30 GHz, up to 3.7 GHz, 8 MB, Intel® HD Graphics P530) *, **
	Intel® Xeon® processor E3-1220v6 (4 Cores / 4 Threads, 3.00 GHz, up to 3.5 GHz, 8 MB) *
	Intel® Xeon® processor E3-1220v5 (4 Cores / 4 Threads, 3.00 GHz, up to 3.5 GHz, 8 MB) *, **
	Intel® Core™ i7-7700 processor (4 Cores / 8 Threads, 3.60 GHz, up to 4.2 GHz, 8 MB, Intel® HD Graphics 630) *
	Intel® Core™ i7-6700 processor (4 Cores / 8 Threads, 3.40 GHz, up to 4.0 GHz, 8 MB, Intel® HD Graphics 530) *, **
	Intel® Core™ i5-7600 processor (4 Cores / 4 Threads, 3.50 GHz, up to 4.1 GHz, 6 MB, Intel® HD Graphics 630) *
	Intel® Core™ i5-7500 processor (4 Cores / 4 Threads, 3.40 GHz, up to 3.8 GHz, 6 MB, Intel® HD Graphics 630) *
Intel® Core™ i5-6600 processor (4 Cores / 4 Threads, 3.30 GHz, up to 3.9 GHz, 6 MB, Intel® HD Graphics 530) *, **	
Intel® Core™ i5-6500 processor (4 Cores / 4 Threads, 3.20 GHz, up to 3.6 GHz, 6 MB, Intel® HD Graphics 530) *, **	
Intel® Core™ i3-7100 processor (2 Cores / 4 Threads, 3.90 GHz, 3 MB, Intel® HD Graphics 630)	
Intel® Core™ i3-6100 processor (2 Cores / 4 Threads, 3.70 GHz, 3 MB, Intel® HD Graphics 530) **	
Intel® vPro™ with all Intel® Xeon® processors	
No Intel® vPro™ technology with Intel® Core i5 and Core i7 processors	
*with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables)	
**6th generation Intel® processor	
Operating systems	
Operating system pre-installed	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home
Operating system compatible	Windows 7 Professional 32-bit (available through downgrade rights from Windows 10 Pro) (with 6th generation Intel® processors) Windows 7 Professional 64-bit (available through downgrade rights from Windows 10 Pro) (with 6th generation Intel® processors) Linux
Microsoft OS support information	Systems with 7th generation Intel® processor receive support from Microsoft with Windows 10 Home / Windows 10 Pro only. For more information, please see Microsoft Support Lifecycle. Downgrade to Microsoft Windows 7 Professional only available with 6th generation Intel® processor
Operating system notes	Certified for Red Hat® Enterprise Linux (pending) Certified for SUSE Enterprise Desktop (pending) Certified for SUSE Enterprise Server (pending) For some configurations third party drivers are currently not available or configuration restrictions may apply.

Memory modules	4 GB (1 module(s) 4 GB) DDR4, unbuffered, non-ECC, 2,400 MHz, UDIMM
	8 GB (1 module(s) 8 GB) DDR4, unbuffered, ECC, 2,400 MHz, UDIMM
	8 GB (1 module(s) 8 GB) DDR4, unbuffered, non-ECC, 2,400 MHz, UDIMM
	16 GB (1 module(s) 16 GB) DDR4, unbuffered, ECC, 2,400 MHz, UDIMM
	16 GB (1 module(s) 16 GB) DDR4, unbuffered, non-ECC, 2,400 MHz, UDIMM
Graphics	High-end 3D: AMD Radeon™ Pro WX 7100 , 8 GB, PCIe x16, 4 x DisplayPort
	High-end 3D: NVIDIA® Quadro® P4000, 8 GB, PCIe x16, 4 x DisplayPort
	Midrange 3D: NVIDIA® Quadro® P2000, 5 GB, PCIe x16, 4 x DisplayPort
	Midrange 3D: AMD Radeon™ Pro WX 5100, 8 GB, 320 stream processors, PCIe x16, 4 x DisplayPort
	Entry 3D: NVIDIA® Quadro® P1000, 4 GB, PCIe x16, 4 x miniDP
	Entry 3D: AMD Radeon™ Pro WX 3100, 4 GB, 320 stream processors, PCIe x16, 1 x DisplayPort, 2 x miniDP
	Entry 3D: NVIDIA® Quadro® P600, 2 GB, PCIe x16, 4 x miniDP
	Entry 3D: AMD Radeon™ Pro WX 2100, 2 GB, 320 stream processors, PCIe x16, 1 x DisplayPort, 2 x miniDP
	Entry 3D: NVIDIA® Quadro® P400 , 2 GB, PCIe x16, 3 x miniDP
	Remote Graphics: CELSIUS RemoteAccess Quad Card, PCIe x1, 4 x miniDP, PCoIP
	Remote Graphics: CELSIUS RemoteAccess Dual Card, PCIe x1, 2 x miniDP, PCoIP
	Others: DP to DVI-D (single link) Adapter Cable
Others: VGA Extension Card	
	SSD SATA III, 960 GB High Endurance, 3DWP, 2.5-inch
	SSD SATA III, 480 GB High Endurance, 3DWP, 2.5-inch
	SSD SATA III, 240 GB High Endurance, 3DWP, 2.5-inch
Hard disk drives (internal)	SSD PCIe, 1024 GB M.2 NVMe Highend module
	SSD PCIe, 512 GB M.2 NVMe Highend module
	SSD PCIe, 256 GB M.2 NVMe Highend module
	SSD PCIe, 1x1024 GB M.2 NVMe Highend card
	SSD PCIe, 1x 512 GB M.2 NVMe Highend card
	SSD PCIe, 1x 256 GB M.2 NVMe Highend card
	SSD PCIe, 1024 GB M.2 NVMe module
	SSD PCIe, 512 GB M.2 NVMe module
	SSD PCIe, 256 GB M.2 NVMe module
	SSD PCIe, 128 GB M.2 NVMe module
	SSD PCIe, 1x 1024 GB M.2 NVMe card
	SSD PCIe, 1x 512 GB M.2 NVMe card
	SSD PCIe, 1x 256 GB M.2 NVMe card
	SSD SATA III, 1024 GB, 2.5-inch
	SSD SATA III, 512 GB, 2.5-inch
	SSD SATA III, 256 GB, 2.5-inch
	SSD SATA III, 128 GB, 2.5-inch
	SSD SATA III, 512 GB, 2.5-inch, SED
	SSD SATA III, 256 GB, 2.5-inch, SED
	HDD SATA III, 7,200 rpm, 6,000 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, 2,000 GB, 3.5-inch, business critical
	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, 1,000 GB, 2.5-inch, business critical
	HDD SATA III, 7,200 rpm, 2,000 GB, 3.5-inch
	HDD SATA III, 7,200 rpm, 1,000 GB, 3.5-inch
	HDD SATA III, 7,200 rpm, 500 GB, 3.5-inch
	HDD SATA II, 5,400 rpm, 500 GB, 2.5-inch
	Intel Optane Memory (16 GB)

Hard disk notes	One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. 24/7 ready (business critical HDDs required) Up to 20 GB of HDD space is reserved for system recovery SSHD (Solid State Hard Disk, Hybrid drive) SED (Self-Encrypting Drive) SSD (Solid State Disk)
Drives (optional)	BD Triple Writer SATA ultra slim (tray) DVD-ROM DVD Super Multi DVD Super Multi ultra slim (tray) MultiCard Reader 24in1 USB 2.0 3.5"
Interface add on cards/components (optional)	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) Parallel Interface Gigabit Ethernet PCIe x1 eSATA Interface Dual serial card PCIe x1
Base unit	CELSIUS W570power+
Mainboard	
Mainboard type	D3517
Formfactor	proprietary
Chipset	Intel® C236
Processor socket	LGA 1151
Processor quantity maximum	1
Supported capacity RAM (max.)	64 GB
Memory slots	4 DIMM (DDR4) ECC/non-ECC
Memory frequency	2,400 MHz
Memory notes	Dual channel support For dual channel performance, 2 memory modules have to be ordered. Capacity per channel has to be the same. DDR4 2,400 MHz will be clocked with 2,133 MHz in combination with 6th generation Intel® processor
LAN	10/100/1,000 MBit/s Intel® I219LM
BIOS version	AMI Aptio V
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI) CSM (Compatibility Support Module)
Audio type	On board
Audio codec	Realtek ALC671
Audio features	Internal speaker supports audio playback (optional), High Definition audio, 5.1 surround sound
I/O controller on board	
Serial ATA total	8
thereof SATA III	8
thereof eSATA	2 (optional)
Controller functions	Serial ATA III (6 Gbit) NCQ AHCI RAID 0/1/5/10
Interfaces	
Audio: line-in	1
Audio: line-out	1

Interfaces

Front audio: microphone	1
Front audio: headphone	1
Internal speakers	1
USB 2.0 total	6
USB 3.1 Gen1 (USB 3.0) total	7
USB 3.1 Gen2 total	optional via add on card
USB front	2x USB 2.0; 2x USB 3.0; 1x USB 3.1 Type C (Gen1); optional: 1x USB 3.1 Type-C (Gen2) via add on card and front adapter bay
USB rear	2x USB 2.0; 4x USB 3.0
USB internal	2x USB 2.0 + 1x USB A 2.0
VGA	optional: via adapter card
DisplayPort	2
DVI	1 (DVI-D)
Serial (RS-232)	optional: first and 2nd serial port (9pin, 16 byte FIFO, 16550 compatible)
Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1
Parallel	1 (optional) (25pin with EPP and ECP)
eSATA	1 (optional)
Interface Module notes	Anytime USB charge functionality, USB Typ C connector supports up to 15W

Input device / components

Input devices (optional)	Keyboard Mouse KBPC PX ECO Mouse M440 ECO Space Explorer USB
Drive bays total	9
2.5-inch internal bays	1
3.5-inch internal bays	4
5.25-inch external bays	2
Drive bay notes	5,25" bays: one bay in HH format, one bay for slim optical disc drive only; internal 3.5" bays: 3.5" drive (screwless) or 2.5" drive (screws; optional screwless); drive cage for external 3.5" bay and internal 2.5" bay: optional

Slots

PCI-Express 3.0 x1	2 x (215 mm / 170 mm /) Full height
PCI-Express 3.0 x4 (mech. x16)	1 x (215 mm /) Full height
PCI-Express 3.0 x16	1 x (240 mm /) Full height
Graphics brand name	Intel® HD Graphics P630, Intel® HD Graphics 630, Intel® HD Graphics P530, Intel® HD Graphics 530
Shared video memory	up to 1,782 MB
TFT resolution (VGA)	1,024 x 768 pixel 1,280 x 1,024 pixel 1,360 x 768 pixel 1,440 x 900 pixel 1,600 x 900 pixel 1,600 x 1,200 pixel 1,680 x 1,050 pixel 1,920 x 1,080 pixel
TFT resolution (DVI)	1,280 x 1,024 pixel 1,360 x 768 pixel 1,440 x 900 pixel 1,600 x 900 pixel 1,680 x 1,050 pixel 1,920 x 1,080 pixel 1,920 x 1,200 pixel

TFT resolution (DisplayPort)	1,280 x 1,024 pixel 1,360 x 768 pixel 1,440 x 900 pixel 1,600 x 900 pixel 1,680 x 1,050 pixel 1,920 x 1,080 pixel 1,920 x 1,200 pixel 2,560 x 1,440 pixel 2,560 x 1,600 pixel 3,840 x 2,160 pixel 4,096 x 2,304 pixel
Graphics features	Support for up to three independent displays DirectX® 12 HDCP support OpenCL™ 2.0 (requires Intel® Core™ i3, i5 or i7 processors) OpenGL® 4.4 One DisplayPort connector can be converted to DVI-D or HDMI with an optional external adapter For multi monitoring mode, graphics card and integrated graphics run in parallel DisplayPort interface supports Ver. 1.2 incl. Multi-Stream DVI-D interface supports audio output for HDMI monitors
Graphics notes	up to 1 GB dedicated video memory (main memory owned and locked for graphics use) Tested resolutions, depending on display type additional resolutions and frequencies possible Shared memory depending on main memory size and operating system Resolution (color depth up to 32 Bit/pixel) For TFT we recommend using 60Hz

Electrical values

Power efficiency note	power supply efficiency (at 230V; 10% / 20% / 50% / 100% load) : 83% / 89% / 91% / 90%
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	400 W

Dimensions / Weight / Environmental

Dimensions (W x D x H)	180 x 304 x 375 mm 7.09 x 11.97 x 14.76 inch
Operating position	Vertical
Weight	approx. 12 kg
Weight (lbs)	approx. 30.86 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 W570power+
Model	MI6W
Germany	TÜV GS
Europe	CE
USA/Canada	FCC Class B cCSAus
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 6.1 (dedicated regions) EPEAT® Gold (dedicated regions)
China	CCC TPM 2.0 for China (optional)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates

Additional Software

Additional software (preinstalled)	Adobe® Reader® (pdf reader) 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 Microsoft® Office Professional 2019 Microsoft® Office Home and Business 2019 (A Microsoft Account is required to activate each copy of these products. For purchase and activation only in the region in which it was acquired.)

Security

Physical Security	Kensington Lock support Eye for padlock Integrated cabinet lock (optional)
System and BIOS Security	Embedded security (TPM 2.0) EraseDisk (optional) 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
User Security	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)
Workplace Embedded Tools	Auto BIOS Update via Fujitsu Server Auto BIOS Update via customer server (optional) Easy PC Protection (optional) Easy Restore (optional)

Manageability

Manageability technology	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) Intrusion switch (optional) WoL (Wake on LAN) iAMT 11.6 (depending on processor)
Manageability software	DeskView Client DeskView Instant BIOS Management
DeskView components	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)
Supported standards	DMI (Desktop Management Interface) SMBIOS (System Management BIOS) PXE (Preboot Execution Environment) WMI (Windows Management Instrumentation) WBEM (Web Based Enterprise Management) CIM (Common Information Model)
Manageability link	http://www.fujitsu.com/fts/manageability

Miscellaneous

Keyboard on (Special Fujitsu keyboard required)
Thermal management
Extended lifetime 24/7 (limited configurations)

Warranty

Warranty period	3 years (depending on country)
Warranty type	Bring-In / Onsite Service (for countries within region EMEA, for all other countries depending on local regulations)
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty
Product Support Services - the perfect extension	
Recommended Service	9x5, Onsite Response Time: Next Business Day
Spare Parts availability	5 years after end of product life 5 years
Service Weblink	http://www.fujitsu.com/fts/services/support

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

UC&C USB Value Headset

The FUJITSU UC&C USB Value Headset is a lightweight bi-aural full-size stereo headset with high wearing comfort. This Lync-tested USB-Headset has an appropriate Inline-Controller which supports easy call management. A noise cancelling microphone facilitates undisturbing clear phone calls.

Order Code:
S26391-F7139-L20

More information

Fujitsu products, solutions & services

In addition to the FUJITSU Workstation CELSIUS W570power+, 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/

Software

www.fujitsu.com/software/

More information

Learn more about the FUJITSU Workstation CELSIUS W570power+, 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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Contact

Fujitsu Technology Solutions
Website: www.fujitsu.com/fts
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