Fujitsu recommends Windows 10 Pro.



# Data Sheet FUJITSU Workstation CELSIUS W580

#### Mini CAD Powerhouse

If you thought you would need to sacrifice performance, expandability, price or energy efficiency in a microtower design – think again. As an industry first, the FUJITSU CELSIUS W580 desktop workstation goes far and beyond with its innovative 21 liter, space-saving microtower design.

#### 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® E-2200 processor family
- Support of Windows 10 Pro
- 64 GB DDR4 2,666 MHz memory (incl. ECC)
- Maximum capacity of 16 TB
- Boost your storage performance with super-fast PCle SSDs

#### Industry's smallest VR-ready desktop workstation

Innovative space-saving design - made in Europe

- An industry first: 21 liter desktop microtower workstation
- NVIDIA® Quadro® RTX 4000 VR-ready graphics (with CELSIUS W580power)
- Optimized thermal management and cooling solutions
- Enjoy a silent workplace environment thanks to low noise emission of only 18 dB(A)

#### Multi-monitor experience

Ideal for showrooms, control rooms, surveillance or financial services companies

■ Up to 8 monitors with the NVIDIA® Mosaic<sup>™</sup> technology

#### 2-in-1: Workstation and Point-of-Sales device

Your workstation can be deployed as a traditional workstation as well as a point-of-sales device in any retail environment

- Connect your cash drawer and your scanner to two serial ports
- Support of 24/7 operation with reliable high-endurance and business critical drives







RADEONPROEX



## Components

rocessor	Intel® Xeon® processor E-2288G (8 Cores / 16 Threads, 3.7	0 GHz, up to 5.0 GHz, 16 MB)		
	Intel® Xeon® processor E-2286G (6 Cores / 12 Threads, 4.0	0 GHz, up to 4.9 GHz, 12 MB)		
	Intel® Xeon® processor E-2278G (8 Cores / 16 Threads, 3.4	0 GHz, up to 5.0 GHz, 16 MB)		
	Intel® Xeon® processor E-2276G (6 Cores / 12 Threads, 3.8	0 GHz, up to 4.9 GHz, 12 MB)		
	Intel® Xeon® processor E-2274G (4 Cores / 8 Threads, 4.00	GHz, up to 4.9 GHz, 8 MB)		
	Intel® Xeon® processor E-2246G (6 Cores / 8 Threads, 3.60 GHz, up to 4.8 GHz, 12 MB)			
	Intel® Xeon® processor E-2244G (4 Cores / 8 Threads, 3.80 GHz, up to 4.8 GHz, 8 MB)			
	Intel® Xeon® processor E-2236 (6 Cores / 12 Threads, 3.40	GHz, up to 4.8 GHz, 12 MB)		
	Intel® Xeon® processor E-2234 (4 Cores / 8 Threads, 3.60 C	GHz, up to 4.8 GHz, 8 MB)		
	Intel® Xeon® processor E-2226G (6 Cores / 6 Threads, 3.40	GHz, up to 4.6 GHz, 12 MB)		
	Intel® Xeon® processor E-2224G (4 Cores / 4 Threads, 3.50	GHz, up to 4.7 GHz, 8 MB)		
	Intel® Xeon® processor E-2224 (4 Cores / 4 Threads, 3.40 GHz, up to 4.6 GHz, 8 MB)			
	Intel® Xeon® processor E-2186G (6 Cores / 12 Threads, 3.80 GHz, up to 4.7 GHz, 12 MB, Intel® UHD Graphics P630) *			
	Intel® Xeon® processor E-2174G (4 Cores / 8 Threads, 3.80 GHz, up to 4.7 GHz, 8 MB, Intel® UHD Graphics P630) *			
	Intel® Xeon® processor E-2146G (6 Cores / 12 Threads, 3.50 GHz, up to 4.5 GHz, 12 MB, Intel® UHD Graphics P630) *			
	Intel® Xeon® processor E-2144G (4 Cores / 8 Threads, 3.60 GHz, up to 4.5 GHz, 8 MB, Intel® UHD Graphics P630) *			
	Intel® Xeon® processor E-2136 (6 Cores / 12 Threads, 3.30 GHz, up to 4.5 GHz, 12 MB) *			
	Intel® Xeon® processor E-2134 (4 Cores / 8 Threads, 3.50 GHz, up to 4.5 GHz, 8 MB) *			
	Intel® Xeon® processor E-2126G (6 Cores / 6 Threads, 3.30 GHz, up to 4.5 GHz, 12 MB, Intel® UHD Graphics P630) *			
	Intel® Xeon® processor E-2124G (4 Cores / 4 Threads, 3.40 GHz, up to 4.5 GHz, 8 MB, Intel® UHD Graphics P630) *			
	Intel® Xeon® processor E-2124 (4 Cores / 8 Threads, 3.30 GHz, up to 4.5 GHz, 8 MB) *			
	Intel® Core™ i9-9900 processor (8 Cores / 16 Threads, 3.10 GHz, up to 5.0 GHz, 16 GB, Intel® UHD Graphics 630)  Intel® Core™ i9-9900K processor (8 Cores / 16 Threads, 3.60 GHz, up to 5.0 GHz, 16 GB, Intel® UHD Graphics 630)  Intel® Core™ i7-9700 processor (8 Cores / 8 Threads, 3.00 GHz, up to 4.7 GHz, 12 MB, Intel® UHD Graphics 630) *  Intel® Core™ i7-9700K processor (8 Cores / 8 Threads, 3.60 GHz, up to 4.9 GHz, 12 MB, Intel® UHD Graphics 630) *  Intel® Core™ i7-8700 processor (6 Cores / 12 Threads, 3.20 GHz, up to 4.6 GHz, 12 MB, Intel® UHD Graphics 630) *  Intel® Core™ i7-8700K processor (6 Cores / 12 Threads, 3.70 GHz, up to 4.7 GHz, 12 MB, Intel® UHD Graphics 630) *  Intel® Core™ i5-9600 processor (6 Cores / 6 Threads, 3.10 GHz, up to 4.6 GHz, 9 MB, Intel® UHD Graphics 630) *  Intel® Core™ i5-9500 processor (6 Cores / 6 Threads, 3.00 GHz, up to 4.4 GHz, 9 MB, Intel® UHD Graphics 630) *			
			Intel® Core™ i5-8600 processor (6 Cores / 6 Threads, 3.10 GHz, up to 4.3 GHz, 9 MB, Intel® UHD Graphics 630) *	
			Intel® Core™ i5-8500 processor (6 Cores / 6 Threads, 3.00 GHz, up to 4.1 GHz, 9 MB, Intel® UHD Graphics 630) *	
	Intel® Core™ i3-9100 processor (4 Cores / 4 Threads, 3.60 GHz, up to 4.2 GHz, 6 MB, Intel® HD Graphics 630) *			
	Intel® vPro® Platform with all Intel® Xeon® processors No Intel® vPro® technology with Intel® Core™ i5 and Core™ i7 processors *with Intel® Turbo Boost Technology 2.0 (clock speed and performance will vary depending on workload and other variables)			
perating systems				
perating system pre-installed	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Pro for Workstations Windows 10 Home	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Pro for Workstations Windows 10 Home		
perating system compatible	Linux	Linux		

Page 2 / 10 www.fujitsu.com/emeia/CELSIUS

Operating systems		
Operating system notes	Certified for Red Hat© Enterprise Linux Certified for SUSE Enterprise Desktop Certified for SUSE Enterprise Desktop Certified for SUSE Enterprise Server For some configurations third party drivers are currently not available or configuration restrictions may apply. Windows 10 Support: After the end of the product life FUJITSU will continue to test and support all upcoming Window 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 http://support.ts.fujitsu.com.  Certified for Red Hat© Enterprise Linux Certified for SUSE Enterprise Desktop (pending) Certified for SUSE Enterprise Server (pending) For some configuration restrictions may apply. Windows 10 Support: After the end of the product life FUJITSU will continue to test and support all upcoming Window 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 se "FUJITSU Service Statement for Windows 10 Semi-Annual-Channel Support" at http://support.ts.fujitsu.com.	
Memory modules	4 GB (1 module(s) 4 GB) DDR4, unbuffered, non-ECC, 2,666 MT/s, UDIMM	
,	8 GB (1 module(s) 8 GB) DDR4, unbuffered, ECC, 2,666 MT/s, UDIMM	
	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, ECC, 2,666 MT/s, UDIMM	
	16 GB (1 module(s) 16 GB) DDR4, unbuffered, non-ECC, 2,666 MT/s, UDIMM	
Graphics	High-end 3D: AMD Radeon™ Pro WX 7100 , 8 GB, PCle x16, 4 x DisplayPort	
	High-end 3D: NVIDIA® Quadro® RTX 4000, 8 GB, PCIe x16, 3 x DisplayPort, 1 x Virtual Link	
	High-end 3D: NVIDIA® Quadro® P4000, 8 GB, PCIe x16, 4 x DisplayPort	
	Midrange 3D: NVIDIA® Quadro® P2200, 5 GB, PCIe x16, 4 x DisplayPort	
	Midrange 3D: AMD Radeon™ Pro WX 5100, 8 GB, 320 stream processors, PCle x16, 4 x DisplayPort	
	Entry 3D: NVIDIA® Quadro® P1000, 4 GB, PCle x16, 4 x miniDP	
	Entry 3D: AMD Radeon™ Pro WX 3100, 4 GB, 320 stream processors, PCle x16, 1 x DisplayPort, 2 x miniDP	
	Entry 3D: AMD Radeon™ Pro WX 2100, 2 GB, 320 stream processors, PCle x16, 1 x DisplayPort, 2 x miniDP	
	Entry 3D: NVIDIA® Quadro® P620, 2 GB, PCIe x16, 4 x miniDP	
	Entry 3D: NVIDIA® Quadro® P400 , 2 GB, PCle x16, 3 x miniDP	
	Remote Graphics: CELSIUS RemoteAccess Dual Card, PCle x1, 2 x miniDP, PCoIP	
	Remote Graphics: CELSIUS RemoteAccess Quad Card, PCIe x1, 4 x miniDP, PCoIP	
	Others: VGA Extension Card	
	Others: DP to DVI-D (single link) Adapter Cable	
	Others: MiniDP to DP Adapter Cable	
Notes	NVIDIA® Quadro® P4000 requires CELSIUS W580power or CELSIUS W580power+.	

Page 3 / 10 www.fujitsu.com/emeia/CELSIUS

Hard disk drives (internal)	SSD SATA III 060 CB High Endurance 10WDD 2.5 inch		
naid disk drives (internal)	SSD SATA III, 960 GB High Endurance, 1DWDP, 2.5-inch SSD SATA III, 480 GB High Endurance, 1DWDP, 2.5-inch		
	SSD SATA III, 480 GB High Endurance, 1DWDP, 2.5-Inch		
	SSD PCIe, 2048 GB M.2 NVMe Highend module		
	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, 1x 2048 GB M.2 NVMe Highend card		
	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		
	RAID1 Bundle 2x512GB M.2 NVMe Highend		
	RAID1 Bundle 2x256GB M.2 NVMe Highend		
	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, 1024 GB M.2 NVMe module, SED		
	SSD PCIe, 512 GB M.2 NVMe module, SED		
	SSD PCIe, 256 GB M.2 NVMe module, SED		
	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		
	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		
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"		

Page 4 / 10 www.fujitsu.com/emeia/CELSIUS

Interface add on cards/components		
(optional)	WLAN 802.11ac (2x2) PCle x1 and BT 5 (dedicated regions only)	
	WLAN 802.11ac (2x2) PCIe x1 and b1 3 (dedicated regions only)	
	Parallel Interface	
	Intel 2x1Gb Ethernet Adapter I350-T2  Gigabit Ethernet PCIe x1  eSATA Interface	
	Dual serial card PCIe x1	
	Duai Seriai Calu PCie X I	
Base unit	CELSIUS W580 CELSIUS W580power	
Mainboard		
Mainboard type	D3617	
Chipset	Intel® C246	
Processor socket	LGA 1151	
Processor quantity maximum	1	
Supported capacity RAM (max.)	64 GB	
Memory slots	4 DIMM (DDR4) ECC/non-ECC	
Memory frequency	2,666 MT/s	
Memory notes	Dual channel support	
memory notes	For dual channel performance, 2 memory modules have to be ordered. Capacity per channel has to be the same. 2666 MHz may be clocked down to 2400 MHz depending on processor and memory configuration	
LAN	10/100/1,000 MBit/s Intel® I219LM	
BIOS version	AMI Aptio V UEFI Specification 2.6	
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)	
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	
Front audio: microphone	1	
Front audio: headphone		
Internal speakers	1	
USB 2.0 total		
USB 3.1 Gen1 (USB 3.0) total	3	
USB 3.1 Gen2 total	<u> </u>	
USB front	2x USB 2.0; 2x USB 3.1 (gen2), 1x USB 3.1 (gen2) Type C; optional: 1x USB 3.1 Type-C (Gen2) via add on card and front	
טוטוונ טכט ווטוונ	adapter bay	
USB rear	2x USB 2.0; 3x USB 3.1 (Gen1); 1x USB 3.1 (Gen2); optional: additional 1x USB 3.1 Type C (Gen2) via add on card	
USB internal	1x USB 2.0 + 1x USB A 3.1 (Gen2)	

Page 5 / 10

laka da ara	
Interfaces VGA	antianal, via adantas sasd
	optional: via adapter card
DisplayPort	2
DVI	1 (DVI-D)
Serial (RS-232)	optional: 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	6
2.5-inch internal bays	1
3.5-inch internal bays	2
3.5-inch external bays	1
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);
M.2-2280	1 x on mainboard (for PCle or SATA SSD modules), supports Intel® Optane™ technology
Slots	
PCI-Express 3.0 x1	2 x ( / ) 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
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

Page 6 / 10 www.fujitsu.com/emeia/CELSIUS

280 x 1,024 pixel 360 x 768 pixel 440 x 900 pixel 600 x 900 pixel 680 x 1,050 pixel 920 x 1,080 pixel 920 x 1,200 pixel 560 x 1,440 pixel 560 x 1,600 pixel 440 x 2,160 pixel 840 x 2,160 pixel upport for up to three independent displays		
440 x 900 pixel 600 x 900 pixel 680 x 1,050 pixel 920 x 1,080 pixel 920 x 1,200 pixel 560 x 1,440 pixel 560 x 1,600 pixel 440 x 1,440 pixel 840 x 2,160 pixel 996 x 2,304 pixel		
600 x 900 pixel 680 x 1,050 pixel 920 x 1,080 pixel 920 x 1,200 pixel 560 x 1,440 pixel 560 x 1,600 pixel 440 x 1,440 pixel 840 x 2,160 pixel 096 x 2,304 pixel		
680 x 1,050 pixel 920 x 1,080 pixel 920 x 1,200 pixel 560 x 1,440 pixel 560 x 1,600 pixel 440 x 1,440 pixel 840 x 2,160 pixel 096 x 2,304 pixel		
920 x 1,080 pixel 920 x 1,200 pixel 560 x 1,440 pixel 560 x 1,600 pixel 440 x 1,440 pixel 840 x 2,160 pixel 906 x 2,304 pixel		
920 x 1,200 pixel 560 x 1,440 pixel 560 x 1,600 pixel 440 x 1,440 pixel 840 x 2,160 pixel 096 x 2,304 pixel		
560 x 1,440 pixel 560 x 1,600 pixel 440 x 1,440 pixel 840 x 2,160 pixel 096 x 2,304 pixel		
440 x 1,440 pixel 840 x 2,160 pixel 096 x 2,304 pixel		
840 x 2,160 pixel 096 x 2,304 pixel		
096 x 2,304 pixel		
irectX® 12		
HDCP support		
One DisplayPort connector can be converted to DVI-D or HDMI with an optional external adapter		
or multi monitoring mode, graphics card and integrated gr		
esolution (color depth up to 32 Bit/pixel)		
or TFT we recommend using 60Hz		
ower supply efficiency (at 230V; 10% / 20% / 50% / 100%	power supply efficiency at 10% / 20% / 50% / 100% load for	
ad) : 75% / 83% / 85% / 84%	230V: 80% / 87% / 90% / 87%; for 115V: 80% / 87% / 90% / 87%	
00 V - 240 V	100 V - 240 V	
O Hz - 60 Hz	50 Hz - 60 Hz	
0 V - 264 V	90 V - 264 V	
	47 Hz - 63 Hz	
	400 W	
ctive	active	
80 x 304 x 375 mm		
ertical		
	approx. 12 kg	
•		
3 , , , , , ,		
0 - 35 °C (50 - 95 °F)		
- 85 % (relative humidity)		
ELSIUS W580	CELSIUS W580power	
I6W		
S (planned)		
CC Class B TUVus		
oHS (Restriction of hazardous substances)		
	r multi monitoring mode, graphics card and integrated graplayPort interface supports Ver. 1.2 incl. Multi-Stream (I-D interface supports audio output for HDMI monitors to 1 GB dedicated video memory (main memory owned a sted resolutions, depending on display type additional researed memory depending on main memory size and operasolution (color depth up to 32 Bit/pixel) r TFT we recommend using 60Hz  wer supply efficiency (at 230V; 10% / 20% / 50% / 100% ad): 75% / 83% / 85% / 84%  0 V - 240 V  Hz - 60 Hz  V - 264 V  Hz - 63 Hz  0 W tive  0 x 304 x 375 mm  29 x 11.97 x 14.76 inch ritical prox. 10 kg prox. 30.86 lbs tual weight may vary depending on configuration  - 35 °C (50 - 95 °F)  85 % (relative humidity)  LSIUS W580  6W (planned)	

Page 7 / 10

Compliance		
China	CCC (planned) CCC (depending on configuration) CEL (Chinese energy label) 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) Cable Cover (optional; covers and secures the ports and cables on rear side)	Kensington Lock support Eye for padlock Integrated cabinet lock (optional) Cable Cover (optional; covers and secures the ports and cables on rear side)
System and BIOS Security	Embedded security (TPM 2.0) EraseDisk (optional) Credential Guard Ready and Device Guard Capable (Windows 10, v. 1809; requires 8 GB or more system RAM and SSD PCIe NVME) 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) EraseDisk (optional) Credential Guard Ready and Device Guard Capable (Windows 10, v. 1809; requires 8 GB or more system RAM and SSD PCIe NVME) 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)	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 Easy PC Protection	Auto BIOS Update via Fujitsu Server Auto BIOS Update via customer server Easy PC Protection
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 12.0 (depending on processor)	
Manageability software	DeskView Client DeskView Instant BIOS Management	
DeskView components	BIOS Management incl. Security Inventory Management Driver Management Alarm Management	

Page 8 / 10 www.fujitsu.com/emeia/CELSIUS

Manageability			
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) Keyboard on with one key (KBPX Eco, KB521) Keyboard on with 2 keys (CTRL+CTRL) with PS2 or special USB keyboards Keyboard on with any key (USB) Thermal management Extended lifetime 24/7 (limited configurations)	Keyboard on (Special Fujitsu keyboard required) Thermal management Keyboard on with one key (KBPX Eco, KB521) Keyboard on with 2 keys (CTRL+CTRL) with PS2 or specia USB keyboards Keyboard on with any key (USB) Extended lifetime 24/7 (limited configurations)	
Warranty			
Warranty period	3 years (depending on country)	3 years (depending on country)	
Warranty type	Bring-In / Onsite Service (for countries within region EMEIA, for all other countries depending on local regulations)		
Warranty Terms & Conditions Product Support Services - the perfe	http://www.fujitsu.com/warranty ect extension		
Recommended Service	9x5, Onsite Response Time: Next Business Day		
Spare Parts availability	5 years after end of product life		
Service Weblink	http://www.fujitsu.com/emeia/products/product-support-services/		

## Recommended Accessories

Display P27-8 TE Pro



The FUJITSU Display P27-8 TE Pro has a 2560 x 1440 QHD resolution and comes with a thin bezel housing ideal for multi-monitor use scenarios. The monitor has a wide viewing angle that delivers consistent picture quality, a 100% sRGB color space coverage, ECO function, DisplayView™ IT Suite manageability software and a range of connectivity options ideal for medium- and large-sized businesses.

Order Code: S26361-K1609-V140

Display P27-8 TS UHD



The FUJITSU Display P27-8 TS UHD has a 3840 x 2160 Ultra HD resolution ships with a thin bezel housing ideal for multi-monitor use scenarios. The monitor has a 178°/178° wide viewing angle that delivers consistent picture quality, a 100% sRGB color space, ECO function, DisplayView™ IT Suite manageability software and a range of connectivity options ideal for medium- and large-sized businesses.

Order Code: \$26361-K1610-V160

### More information

#### Fujitsu products, solutions & services

In addition to the FUJITSU Workstation CELSIUS W580, 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 W580, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. www.fujitsu.com/emeia/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



### Copyrights

All rights reserved, including intellectual property rights. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see http://www.fujitsu.com/emeia/resources/navigation/terms-of-use.html

Copyright 2020 Fujitsu Technology Solutions

#### Disclaimer

Technical data is subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner.

#### Contact

Fujitsu Technology Solutions Website: www.fujitsu.com 2020-04-25 EM-EN All rights reserved, including intellectual property rights. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see http://www.fujitsu.com/emeia/resources/navigation/terms-of-use.html
Copyright 2020 Fujitsu Technology Solutions