

Fujitsu recommends Windows 10 Pro.

# Data Sheet

## FUJITSU Workstation CELSIUS W580power+

### Smallest VR-ready CAD Workstation

We are (VR) ready for the future: As an industry first, the FUJITSU CELSIUS W580power+ 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® E-2100 processor family
- Support of Windows 10 Pro
- 64 GB DDR4 2,666 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

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

We are (VR) ready for the future. Enjoy a fully immersive and real-time experience.

- Intel® Core™ i7 and Xeon® processors with up high frequencies up to 4.70 GHz
- Powered by the NVIDIA® Quadro® P4000 VR-ready graphics

#### Industry's smallest and smartest microtower workstation

Innovative, new space saving design - designed, engineered and produced in Germany

- An industry first: 21 liter only 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



RADEON PRO WX

# Components

|                                       |   |
|---------------------------------------|---|
| <b>Processor</b>                      | 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™ i7-9700 processor (8 Cores / 8 Threads, 3.00 GHz, up to 4.7 GHz, 12 MB, Intel® HD 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® Core™ i3-8100 processor (4 Cores / 4 Threads, 3.60 GHz, 6 MB, Intel® UHD Graphics 630)   |
|                                       | Intel® vPro™ with all Intel® Xeon® processors<br>No Intel® vPro™ technology with Intel® Core i5 and Core i7 processors<br>*with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables)   |
|                                       | <b>Operating systems</b>  |
| <b>Operating system pre-installed</b> | Windows 10 Pro. Fujitsu recommends Windows 10 Pro.<br>Windows 10 Pro for Workstations<br>Windows 10 Home  |
| <b>Operating system compatible</b>    | Linux   |
| <b>Operating system notes</b>         | Certified for Red Hat® Enterprise Linux (pending)<br>Certified for SUSE Enterprise Desktop (pending)<br>Certified for SUSE Enterprise Server (pending)<br>For some configurations third party drivers are currently not available or configuration restrictions may apply.<br>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> . |
| <b>Memory modules</b>                 |   |
|                                       | 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, PCIe 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: 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: AMD Radeon™ Pro WX 2100, 2 GB, 320 stream processors, PCIe 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, 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: VGA Extension Card  |
| Others: DP to DVI-D (single link) Adapter Cable   |
| Others: MiniDP to DP Adapter Cable  |

|   |  |
|---|--|
| <b>Hard disk drives (internal)</b>          | 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, 240 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   |  |
| Intel Optane Memory (16 GB)                 |  |
| <b>Hard disk notes</b>                      | 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)                      |  |
| <b>Drives (optional)</b>                    | 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 and BT 5 (dedicated regions only) |
| WLAN 802.11ac (2x2) PCIe x1 (dedicated regions only)          |
| Parallel Interface  |
| Intel 2x1Gb Ethernet Adapter I350-T2                          |
| Gigabit Ethernet PCIe x1                                      |
| eSATA Interface   |
| Dual serial card PCIe x1                                      |

|           |                    |
|-----------|--------------------|
| Base unit | 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<br>For dual channel performance, 2 memory modules have to be ordered. Capacity per channel has to be the same.<br>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<br>UEFI Specification 2.6 |
|--------------|---------------------------------------|

|               |  |
|---------------|--|
| BIOS features | BIOS Flash EPROM update by software<br>Recovery BIOS<br>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)<br>NCQ<br>AHCI<br>RAID 0/1/5/10 |
|----------------------|---|

**Interfaces**

|                |   |
|----------------|---|
| Audio: line-in | 1 |
|----------------|---|

|                 |   |
|-----------------|---|
| Audio: line-out | 1 |
|-----------------|---|

|                         |   |
|-------------------------|---|
| 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 3.1 (gen2), 1x USB 3.1 (gen2) Type C; optional: 1x USB 3.1 Type-C (Gen2) via add on card and front 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 | 2x USB 2.0 + 1x USB A 3.1 (gen2) |
|--------------|----------------------------------|

**Interfaces**

|                         |  |
|-------------------------|--|
| VGA                     | 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<br>Mouse<br>KBPC PX ECO<br>Mouse M440 ECO<br>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;<br>internal 3.5" bays: 3.5" drive (screwless) or 2.5" drive (screws; optional screwless);<br>drive cage for external 3.5" bay and internal 2.5" bay: optional |

**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<br>1,280 x 1,024 pixel<br>1,360 x 768 pixel<br>1,440 x 900 pixel<br>1,600 x 900 pixel<br>1,600 x 1,200 pixel<br>1,680 x 1,050 pixel<br>1,920 x 1,080 pixel   |
| TFT resolution (DVI)           | 1,280 x 1,024 pixel<br>1,360 x 768 pixel<br>1,440 x 900 pixel<br>1,600 x 900 pixel<br>1,680 x 1,050 pixel<br>1,920 x 1,080 pixel<br>1,920 x 1,200 pixel  |
| TFT resolution (DisplayPort)   | 1,280 x 1,024 pixel<br>1,360 x 768 pixel<br>1,440 x 900 pixel<br>1,600 x 900 pixel<br>1,680 x 1,050 pixel<br>1,920 x 1,080 pixel<br>1,920 x 1,200 pixel<br>2,560 x 1,440 pixel<br>2,560 x 1,600 pixel<br>3,440 x 1,440 pixel<br>3,840 x 2,160 pixel<br>4,096 x 2,304 pixel |

|   |   |
|---|---|
| <b>Graphics features</b>                    | Support for up to three independent displays<br>DirectX® 12<br>HDCP support<br>OpenCL® 2.0<br>OpenGL® 4.4<br>One DisplayPort connector can be converted to DVI-D or HDMI with an optional external adapter<br>For multi monitoring mode, graphics card and integrated graphics run in parallel<br>DisplayPort interface supports Ver. 1.2 incl. Multi-Stream<br>DVI-D interface supports audio output for HDMI monitors |
| <b>Graphics notes</b>                       | up to 1 GB dedicated video memory (main memory owned and locked for graphics use)<br>Tested resolutions, depending on display type additional resolutions and frequencies possible<br>Shared memory depending on main memory size and operating system<br>Resolution (color depth up to 32 Bit/pixel)<br>For TFT we recommend using 60Hz  |
| <b>Electrical values</b>                    |   |
| <b>Power efficiency note</b>                | power supply efficiency at 10% / 20% / 50% / 100% load for 230V: 80% / 87% / 90% / 87%; for 115V: 80% / 87% / 90% / 87%   |
| <b>Rated voltage range</b>                  | 100 V - 240 V   |
| <b>Rated frequency range</b>                | 50 Hz - 60 Hz   |
| <b>Operating voltage range</b>              | 90 V - 264 V  |
| <b>Operating line frequency range</b>       | 47 Hz - 63 Hz   |
| <b>Max. output of single power supply</b>   | 400 W   |
| <b>Power factor correction/active power</b> | active  |
| <b>Dimensions / Weight / Environmental</b>  |   |
| <b>Dimensions (W x D x H)</b>               | 180 x 304 x 375 mm<br>7.09 x 11.97 x 14.76 inch   |
| <b>Operating position</b>                   | Vertical  |
| <b>Weight</b>                               | approx. 12 kg   |
| <b>Weight (lbs)</b>                         | approx. 30.86 lbs   |
| <b>Weight notes</b>                         | Actual weight may vary depending on configuration   |
| <b>Operating ambient temperature</b>        | 10 - 35 °C (50 - 95 °F)   |
| <b>Operating relative humidity</b>          | 5 - 85 % (relative humidity)  |
| <b>Compliance</b>                           |   |
| <b>Product</b>                              | CELSIUS W580power+  |
| <b>Model</b>                                | MI6W  |
| <b>Germany</b>                              | GS (planned)  |
| <b>Europe</b>                               | CE  |
| <b>USA/Canada</b>                           | FCC Class B<br>cTUVus   |
| <b>Global</b>                               | RoHS (Restriction of hazardous substances)<br>WEEE (Waste electrical and electronic equipment)<br>Microsoft Operating Systems (HCT / HCL entry / WHQL)<br>ENERGY STAR® in progress<br>EPEAT® in progress (dedicated regions)  |
| <b>China</b>                                | CCC (planned)<br>CCC (depending on configuration)<br>CEL (Chinese energy label)<br>TPM 2.0 for China (optional)   |
| <b>Compliance link</b>                      | <a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>   |
| <b>Additional Software</b>                  |   |
| <b>Additional software (preinstalled)</b>   | Adobe® Reader® (pdf reader)<br>McAfee® LiveSafe™ (provides award-winning antivirus protection for your PC and much more. 30 days trial pre-installed)<br>Microsoft Office (1 month trial for new Microsoft® Office 365 customers. Buy Microsoft Office.)  |

**Additional Software**

|                                       |   |
|---------------------------------------|---|
| <b>Additional software (optional)</b> | Recovery DVD for Windows®<br>Drivers & Utilities DVD (DUDVD)<br>CyberLink PowerDVD BD (playback software for Blu-ray Disc™)<br>CyberLink PowerDVD DVD (playback software for DVD)<br>Nero Essentials XL<br>Microsoft® Office Professional 2019<br>Microsoft® Office Home and Business 2019<br>(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**

|                                 |  |
|---------------------------------|--|
| <b>Physical Security</b>        | Kensington Lock support<br>Eye for padlock<br>Integrated cabinet lock (optional)<br>Cable Cover (optional; covers and secures the ports and cables on rear side)   |
| <b>System and BIOS Security</b> | Embedded security (TPM 2.0)<br>EraseDisk (optional)<br>Credential Guard Ready and Device Guard Capable (Windows 10, v. 1809; requires 8 GB or more system RAM and SSD PCIe NVME)<br>Boot sector virus protection<br>Write protect option for the Flash EPROM<br>Control of all USB interfaces<br>External USB ports can be disabled separately<br>Control of external interfaces |
| <b>User Security</b>            | User and supervisor BIOS password<br>Hard disk password<br>Access protection via external SmartCard reader (optional)<br>Access protection via internal SmartCard reader (optional)<br>Workplace Protect (secure authentication solution)  |
| <b>Workplace Embedded Tools</b> | Auto BIOS Update via Fujitsu Server<br>Auto BIOS Update via customer server<br>Easy PC Protection  |

**Manageability**

|                                 |  |
|---------------------------------|--|
| <b>Manageability technology</b> | DeskUpdate Driver management<br>PXE 2.1 Boot code<br>Wake up from S5 (off mode)<br>Intrusion switch (optional)<br>WoL (Wake on LAN)<br>iAMT 12.0 (depending on processor)  |
| <b>Manageability software</b>   | DeskView Client<br>DeskView Instant BIOS Management  |
| <b>DeskView components</b>      | BIOS Management incl. Security<br>Inventory Management<br>Driver Management<br>Alarm Management  |
| <b>Supported standards</b>      | DMI (Desktop Management Interface)<br>SMBIOS (System Management BIOS)<br>PXE (Preboot Execution Environment)<br>WMI (Windows Management Instrumentation)<br>WBEM (Web Based Enterprise Management)<br>CIM (Common Information Model) |
| <b>Manageability link</b>       | <a href="http://www.fujitsu.com/fts/manageability">http://www.fujitsu.com/fts/manageability</a>  |

**Miscellaneous**

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 special USB keyboards  
Keyboard on with any key (USB)  
Extended lifetime 24/7 (limited configurations)



**Warranty**

|   |  |
|---|--|
| <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://support.ts.fujitsu.com/warranty">http://support.ts.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/fts/services/support">http://www.fujitsu.com/fts/services/support</a>                |

## 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:  
S26361-K1610-V160

**Wireless Keyboard Set LX901**

The Wireless Keyboard LX901 is a top of the line desktop solution for lifestyle orientated customers, who want only the best for their desk. This superb keyboard set offers ambitious users more functions and better features than a conventional interface device. It even includes 2.4 GHz technology and 128 AES encryption.

S26381-K565-L4\*\* (\*\*:  
Country specific variation)

## More information

### Fujitsu products, solutions & services

In addition to the FUJITSU Workstation CELSIUS W580power+, 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 W580power+, 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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