

Fujitsu recommends Windows 10 Pro for business.

# Data Sheet

## FUJITSU Workstation CELSIUS R970

### Unleash The Monster Inside

Do you require the maximum in performance for simulations, analysis, rendering or High Performance Computing? Fujitsu's CELSIUS R970 desktop workstation is designed to surpass all expectations. Achieving first-class benchmark results, this reliable, high-end dual processor desktop workstation is optimized for extremely demanding and memory intensive multi-threaded applications.



#### Unleash the power

Achieve the optimum out of any demanding application

- Up to 2nd Gen Intel® Xeon® Scalable Processors
- Support of Windows 10 Pro for Workstations
- Support of up to 1024 GB DDR4 2,933 ECC memory
- FUJITSU SSD PCIe card (up to 2 x 2 TB)

#### Maximum expandability

Broad selection and configuration options

- Broad choice of professional graphics cards from AMD and NVIDIA
- Up to two ultra-high-end, three high-end 3D or four mid-range graphic cards for simulation or photorealistic renderings

#### Work around the clock

Certain components can be configured to support an extended lifetime usage

- Selection of top-quality components and comprehensive testing in certified in-house laboratories
- Full support for ISV applications and easy integration into existing IT environments
- Server capabilities: SAS RAID controller, Windows® Server 2016, Dual 10 Gigabit Ethernet

#### We are (VR) ready

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

- Up to NVIDIA® Quadro® RTX 4000, RTX 5000, RTX 6000 and RTX 8000 VR-ready graphics cards



RADEON PRO

# Components

|                                       |  |   |
|---------------------------------------|--|---|
| <b>Processor</b>                      | Intel® Xeon® Silver processor 4215R (8C, 3.20 GHz, up to 4.0 GHz)<br>Intel® Xeon® Silver processor 4214R (12C, 2.40 GHz, up to 3.5 GHz)<br>Intel® Xeon® Silver processor 4210R (10C, 2.40 GHz, up to 3.2 GHz)<br>Intel® Xeon® Gold processor 6240R (24C, 2.40 GHz, up to 4.0 GHz)<br>Intel® Xeon® Gold processor 6226R (16C, 2.90 GHz, up to 3.9 GHz)<br>Intel® Xeon® Gold processor 5220R (24C, 2.20 GHz, up to 4.0 GHz)<br>Intel® Xeon® Gold processor 5218R (20C, 2.10 GHz, up to 4.0 GHz)<br>Intel® Xeon® Platinum processor 8276 (28C, 2.20 GHz, up to 4.0 GHz, 10.4 GT/s)<br>Intel® Xeon® Platinum processor 8260 (24C, 2.40 GHz, up to 3.9 GHz, 10.4 GT/s)<br>Intel® Xeon® Gold processor 6244 (8C, 3.60 GHz, up to 4.4 GHz, 10.4 GT/s)<br>Intel® Xeon® Gold processor 6240 (18C, 2.60 GHz, up to 3.9 GHz, 10.4 GT/s)<br>Intel® Xeon® Gold processor 5222 (4C, 3.80 GHz, up to 3.7 GHz, 10.4 GT/s)<br>Intel® Xeon® Gold processor 5220 (18C, 2.20 GHz, up to 3.9 GHz, 10.4 GT/s)<br>Intel® Xeon® Gold processor 5218 (16C, 2.30 GHz, up to 3.9 GHz, 10.4 GT/s)<br>Intel® Xeon® Gold processor 5217 (8C, 3.00 GHz, up to 3.7 GHz, 10.4 GT/s)<br>Intel® Xeon® Silver processor 4214 (12C, 2.20 GHz, up to 3.2 GHz, 9.6 GT/s)<br>Intel® Xeon® Silver processor 4210 (10C, 2.20 GHz, up to 3.2 GHz, 9.6 GT/s)<br>Intel® Xeon® Silver processor 4208 (8C, 2.10 GHz, up to 3.2 GHz, 9.6 GT/s) |   |
| <b>Operating systems</b>              |  |   |
| <b>Operating system pre-installed</b> | Windows 10 Pro for Workstations  | Windows 10 Pro for Workstations   |
| <b>Operating system compatible</b>    | Windows 7 Professional (available through downgrade rights from Windows 10 Pro)<br>Windows® Server 2016<br>Linux   | Windows® Server 2019<br>Linux   |
| <b>Operating system notes</b>         | Certified for Red Hat® Enterprise Linux<br>Certified for SUSE Enterprise Desktop<br>Certified for SUSE Enterprise Server<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> .  | Certified for Red Hat® Enterprise Linux<br>Certified for SUSE Enterprise Desktop<br>Certified for SUSE Enterprise Server<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>                 | 512 GB (4 module(s) ) Intel® Optane™ persistent memory: 4x DCPMM 128GB 2666 MHz, 8x DDR4 RG 16GB 2933 MHz,<br>8 GB (1 module(s) 8 GB) DDR4, registered, ECC, 2,666 MT/s<br>8 GB (1 module(s) 8 GB) DDR4, registered, ECC, 2,933 MT/s<br>16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,666 MT/s<br>16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,933 MT/s<br>32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,666 MT/s<br>32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,933 MT/s<br>64 GB (1 module(s) 64 GB) DDR4, registered, ECC, 2,666 MT/s<br>64 GB (1 module(s) 64 GB) DDR4, registered, ECC, 2,933 MT/s   |   |

**Graphics**

|   |
|---|
| Ultra-high-end 3D: NVIDIA® Quadro® GV100, 32 GB, PCIe x16, 4 x DisplayPort                            |
| Ultra-high-end 3D: NVIDIA® Quadro® RTX 8000, 48 GB, PCIe x16, 4 x DisplayPort, 1 x Virtual Link       |
| Ultra-high-end 3D: NVIDIA® Quadro® RTX 6000, 24 GB, PCIe x16, 4 x DisplayPort, 1 x Virtual Link       |
| Ultra-high-end 3D: NVIDIA® Quadro® P6000, 24 GB, PCIe x16, 1 x Dual Link DVI-D, 4 x DisplayPort       |
| Ultra-high-end 3D: NVIDIA® Quadro® RTX 5000, 16 GB, PCIe x16, 4 x DisplayPort, 1 x Virtual Link       |
| Ultra-high-end 3D: NVIDIA® Quadro® P5000, 16 GB, PCIe x16, 1 x Dual Link DVI-D, 4 x DisplayPort       |
| 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: 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 Dual Card, PCIe x1, 2 x miniDP, PCoIP                           |
| Remote Graphics: CELSIUS RemoteAccess Quad Card, PCIe x1, 4 x miniDP, PCoIP                           |
| Others: DP to DVI-D (single link) Adapter Cable   |
| Others: MiniDP to DP Adapter Cable  |

## Hard 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, 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, 512 GB M.2 NVMe Highend module

SSD PCIe, 256 GB M.2 NVMe Highend module

SSD PCIe, 2x 2048 GB M.2 NVMe Highend card

SSD PCIe, 2x 1024 GB M.2 NVMe Highend card

SSD PCIe, 2x 512 GB M.2 NVMe Highend card

SSD PCIe, 2x 256 GB M.2 NVMe Highend card

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

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, 512 GB M.2 NVMe module

SSD PCIe, 256 GB M.2 NVMe module

SSD PCIe, 512 GB M.2 NVMe module, SED

SSD PCIe, 2x 1024 GB M.2 NVMe card

SSD PCIe, 2x 512 GB M.2 NVMe card

SSD PCIe, 2x 256 GB M.2 NVMe card

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, 512 GB, 2.5-inch, SED

SSD SATA III, 256 GB, 2.5-inch, SED

HDD SAS, 10,000 rpm, 2400 GB, 2.5-inch

HDD SAS, 10,000 rpm, 1800 GB, 2.5-inch

HDD SAS, 10,000 rpm, 1200 GB, 2.5-inch

HDD SAS, 10,000 rpm, 600 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

|   |   |   |
|---|---|---|
| <b>Hard disk notes</b>                              | One Gigabyte equals one billion bytes, when referring to hard disk drive capacity.<br>24/7 ready (Business Critical HDDs or SAS HDDs or High Endurance SSDs required)<br>Up to 20 GB of HDD space is reserved for system recovery<br>SED (Self-Encrypting Drive)<br>SSD (Solid State Disk)  |   |
| <b>Drives (optional)</b>                            | BD Triple Writer SATA ultra slim (tray)<br>DVD-ROM<br>DVD Super Multi<br>DVD Super Multi ultra slim (tray)<br>MultiCard Reader 24in1 USB 2.0 3.5"   |   |
| <b>SCSI / SAS Controller</b>                        | LSI RAID Ctrl SAS 1GB (D3216) RAID 5/6 Ctrl. 12 Gbit/s 8 ports int.<br>LSI RAID Ctrl SAS (D3327) RAID 0/1 Ctrl. 12 Gbit/s 8 ports int.<br>Intel VROC HW key Standard M.2<br>Flash Backup Unit (FBU + TFM) For RAID controller D3216   |   |
| <b>Interface add on cards/components (optional)</b> | eSATA Interface<br>PLAN EM X557-T2 2x10GBASE-T<br>PLAN EM 2x10Gb SFP+<br>Gigabit Ethernet PCIe x1<br>Dual 10 Gigabit Ethernet PCIe x8<br>Intel 2x1Gb Ethernet Adapter I350-T2<br>PLAN EP X550-T2 2x10GBASE-T<br>WLAN 802.11ac (2x2) PCIe x1 and BT 5 (dedicated regions only)<br>WLAN 802.11ac (2x2) PCIe x1 (dedicated regions only)<br>Dual serial card PCIe x1   |   |
| <b>Base unit</b>                                    | CELSIUS R970 (S26361-K1449-V515)  | CELSIUS R970B (S26361-K1449-V565)   |
| <b>Mainboard</b>                                    |   |   |
| <b>Mainboard type</b>                               | D3488-A1X   | D3488-A2X   |
| <b>Formfactor</b>                                   | proprietary   |   |
| <b>Chipset</b>                                      | Intel® C624   |   |
| <b>Processor socket</b>                             | Socket P  |   |
| <b>Processor quantity maximum</b>                   | 2   |   |
| <b>Supported capacity RAM (max.)</b>                | 1,024 GB  |   |
| <b>Memory slots</b>                                 | 16 (8 per processor) DIMM (DDR4) ECC  |   |
| <b>Memory frequency</b>                             | 2,666 MT/s  | 2,933 MT/s  |
| <b>Memory notes</b>                                 | 6 memory channels, thereof 2 channels supporting 2 DIMMs per channel. For optimized 6 channel performance, a minimum of 6 memory modules have to be ordered and the capacity per channel has to be the same.<br>DDR4 2,666MHz may be clocked down to 2,400 or 2,133 depending on the processor.<br>Supports up to 1TB of main memory (offered on request). This requires dual CPU usage with selected CPUs and 128GB DDR4 memory modules. | 6 memory channels, thereof 2 channels supporting 2 DIMMs per channel. For optimized 6 channel performance, a minimum of 6 memory modules have to be ordered and the capacity per channel has to be the same. DDR4 2,933MHz may be clocked down to 2,666 or 2,400 or 2,133 depending on the processor.<br>Supports up to 2TB of main memory (offered on request). This requires dual CPU usage with selected CPUs and 128GB DDR4 memory modules. |
| <b>LAN</b>  | 10/100/1,000 MBit/s Intel® I219LM and Intel® I210   |   |
| <b>BIOS version</b>                                 | AMI Aptio V   |   |
| <b>BIOS features</b>                                | BIOS Flash EPROM update by software<br>Recovery BIOS<br>Unified Extensible Firmware Interface (UEFI)  |   |
| <b>Audio type</b>                                   | On board  |   |
| <b>Audio codec</b>                                  | Realtek ALC671  |   |

**Mainboard**

|                |                       |
|----------------|-----------------------|
| Audio features | High Definition Audio |
|----------------|-----------------------|

**I/O controller on board**

|                      |  |
|----------------------|--|
| Serial ATA total     | 10   |
| thereof SATA III     | 10   |
| Controller functions | Serial ATA III (6 Gbit)<br>AHCI<br>RAID 0/1/5/10 |

**Interfaces**

|                              |   |
|------------------------------|---|
| Audio: in (rear)             | 1   |
| Audio: out (rear)            | 1   |
| Audio: in                    | 1   |
| Audio: out                   | 1   |
| Internal speakers            | 1   |
| USB 2.0 total                | 9   |
| USB 3.1 Gen1 (USB 3.0) total | 4   |
| USB 3.1 Gen2 total           | optional via add on card  |
| USB front                    | 2x USB 2.0; 2x USB 3.1 (Gen1); optional: 1x USB 3.1 Type-C (Gen2) via add on card and front adapter bay |
| USB rear                     | 6   |
| USB internal                 | 3, thereof 1 type A   |
| Ethernet (RJ-45)             | 2   |
| eSATA                        | 1 (optional)  |
| Interface Module notes       | Anytime USB charge functionality  |

**Input device / components**

|                          |   |
|--------------------------|---|
|                          | Optical USB wheel mouse   |
| Input devices (optional) | Keyboard<br>Optical USB tilt wheel mouse<br>Optical USB wheel mouse |

**Drive bays**

|                         |  |
|-------------------------|--|
| Drive bays total        | 12   |
| 2.5-inch internal bays  | 8  |
| 3.5-inch internal bays  | 4  |
| 3.5-inch external bays  | 2  |
| 5.25-inch external bays | 1  |
| Drive bay notes         | Up to 8x 2.5-inch HDDs (cold plug) and 1x 2.5-inch SSD or<br>Up to 4x 3.5-inch HDDs (cold plug) and 1x 2.5-inch SSD or<br>Up to 2x 2.5-inch and 2x 3.5-inch HDDs (cold plug) and 1x 2.5-inch SSD |
| M.2-2280                | 1 x on mainboard (for PCIe SSD modules)  |

**Slots**

|                               |  |
|-------------------------------|--|
| PCI-Express 3.0 x8            | 2 x (200 mm) Full height (1x PCIe 3.0x8 per processor)               |
| PCI-Express 3.0 x16           | 4 x (340 mm / 13.39 inch) Full height (2x PCIe 3.0x16 per processor) |
| PCI (32-bit / 33 MHz)         | 1 x (312 mm / 12.29 inch) Full height                                |
| PCI-Express 3.0 x8 (internal) | 1 x (170 mm / 6.69 inch) Full height (available with 2nd CPU)        |

**Graphics brand name**

|                |  |  |
|----------------|--|--|
| Graphics notes | NVIDIA® Quadro® P6000, P5000 and P4000 support SLI | NVIDIA® Quadro® RTX 5000, RTX 6000, RTX8000 support NVLink |
|----------------|--|--|

**Electrical values**

|                         |                                  |
|-------------------------|----------------------------------|
| Power consumption note  | 500 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                     |

**Electrical values**

|                                      |   |
|--------------------------------------|---|
| Operating line frequency range       | 47 Hz - 63 Hz                                       |
| Max. output of single power supply   | 1000 W up to 90% efficiency                         |
| Power factor correction/active power | active  |
| Power supply output                  | 2 graphics power rails (8pin connector / 18.5A@12V) |

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

| Related Processors for noise                           | Intel® Xeon® Gold processor 6128   | Intel® Xeon® Gold processor 6240   |
|--|--|--|
| Standard noise emission                                | 8x4 GB, HDD, ODD, Windows<br>According to ISO9296 (LpAm at bystander position)                               | 8x4 GB, HDD, ODD, Windows<br>According to ISO9296 (LpAm at bystander position)                               |
| Standard noise notes / description                     | A-weighted sound power level Lwad (in B) / Workplace related A-weighted sound pressure level LpAm (in dB(A)) | A-weighted sound power level Lwad (in B) / Workplace related A-weighted sound pressure level LpAm (in dB(A)) |
| Standard noise operation mode: CPU 50% load            | 4.0 B / 24 dB(A) Bystander position  | 4.7 B / 30 dB(A) Bystander position  |
| Standard noise operation mode: CPU 90% load            | 4.0 B / 24 dB(A) Bystander position  | 4.7 B / 30 dB(A) Bystander position  |
| Standard noise operation mode: HDD load                | 4.0 B / 24 dB(A) Bystander position  | 3.9 B / 23 dB(A) Bystander position  |
| Standard noise operation mode: Idle mode               | 4.0 B / 23 dB(A) Bystander position  | 3.9 B / 22 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 | 4.0 B / 23 dB(A) Bystander position  | 3.9B / 22 dB(A) Bystander position   |

**Dimensions / Weight / Environmental**

|                               |   |
|-------------------------------|---|
| Dimensions (W x D x H)        | 186 x 618 x 430 mm<br>7.32 x 24.3 x 16.9 inch     |
| Operating position            | Vertical / horizontal                             |
| Weight                        | approx. 20 kg                                     |
| Weight (lbs)                  | approx. 44.8 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 R970  |
| Model            | ETNA-L  |
| Germany          | GS<br>depending on configuration  |
| Europe           | CE  |
| USA/Canada       | FCC Class B<br>cCSAus   |
| Global           | RoHS (EU & China)<br>Microsoft Operating Systems (HCT / HCL entry / WHQL)<br>WEEE (Waste electrical and electronic equipment) |
| China            | CCC<br>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)<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>Intrusion switch<br>Integrated cabinet lock (optional)  |
| <b>System and BIOS Security</b> | Embedded security (TPM 2.0)<br>EraseDisk<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 (optional)<br>Easy PC Protection (optional)<br>Easy Restore (optional)  |

**Manageability**

|                                 |  |
|---------------------------------|--|
| <b>Manageability technology</b> | iAMT 11.6 (depending on processor)<br>DeskUpdate Driver management<br>PXE 2.1 Boot code<br>Wake up from S5 (off mode)<br>WoL (Wake on LAN)   |
| <b>Manageability software</b>   | DeskView Client<br>DeskView Instant BIOS Management  |
| <b>DeskView components</b>      | Inventory Management<br>BIOS Management<br>Driver Management<br>Security Management<br>Alarm Management  |
| <b>Supported standards</b>      | WMI (Windows Management Instrumentation)<br>PXE (Preboot Execution Environment)<br>DMI (Desktop Management Interface)<br>SMBIOS (System Management BIOS)<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**

|                                |                     |
|--------------------------------|---------------------|
|                                | Rack mountable (5U) |
| <b>Spare part availability</b> | 5 years             |

**Packaging information**

|                               |   |
|-------------------------------|---|
| <b>Max. quantity / pallet</b> | 11  |
| <b>Packaging notes</b>        | printed user documentation is bleached in chlorine free process |

**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                             | <a href="http://www.fujitsu.com/warranty">http://www.fujitsu.com/warranty</a>   |
| <b>Product Support Services - the perfect extension</b> |   |
| Recommended Service                                     | 9x5, Onsite Response Time: Next Business Day  |
| Spare Parts availability                                | 5 years after end of product life   |
| Service Weblink   | <a href="http://www.fujitsu.com/emeia/products/product-support-services/">http://www.fujitsu.com/emeia/products/product-support-services/</a> |

## Recommended Accessories

**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 KB955**

The KB955 is a very flat keyboard with extra low keys and spill-resistant protection. The elegant design and top-quality construction makes the KB955 the ideal input device for any PC or Notebook user. If you accidentally spill some water or coffee onto the keyboard, this special construction helps the liquid to flow away.

S26381-K955-L4\*\* (\*\*:  
Country specific variation)

## More information

### Fujitsu products, solutions & services

In addition to the FUJITSU Workstation CELSIUS R970, 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 R970, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
[www.fujitsu.com/emeia/CELSIUS](http://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>



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#### Contact

Fujitsu Technology Solutions GmbH  
Website: [www.fujitsu.com](http://www.fujitsu.com)  
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