Fujitsu recommends Windows 10 Pro.



# 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

- Intel® Xeon® processor Scalable Family up to 2 x 28 cores
- Support of Windows 10 Pro for Workstations
- Support of up to 1024 GB DDR4 2,666 ECC memory
- Fujitsu SSD PCle card (up to 2 x 1 TB)

### Maximum expandability

Broad selection and configurability options

- Broad choice of ISV certified 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
- Compute graphics cards of up to NVIDIA® Tesla® M60

### 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

### Made in Germany

Design, engineering and production in Germany

- In-house developed systemboard
- Comprehensive testing in certified in-house laboratories for 24/7 operation
- Excellent thermal management concept allows for an optimal cooling of key components
- Whisper quiet: 23 dB(A)

### We are (VR) ready

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

■ Powered by the NVIDIA® Quadro® P4000, P5000 and P6000 VR-ready graphics cards





RADEONPROWX





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# Components

| rocessor                      | Intel® Xeon® Platinum processor 8176 (28C, 2.10 GHz, up  | to 2.8 GHz, 10.4 GT/s)   |  |
|-------------------------------|--|--|--|
|                               | Intel® Xeon® Platinum processor 8160 (24C, 2.10 GHz, up to 2.8 GHz, 10.4 GT/s)   |  |  |
|                               | Intel® Xeon® Gold processor 6152 (22C, 2.10 GHz, up to 3.7 GHz, 10.4 GT/s)   |  |  |
|                               | Intel® Xeon® Gold processor 6150 (18C, 2.70 GHz, up to 3   | .7 GHz, 10.4 GT/s)   |  |
|                               | Intel® Xeon® Gold processor 6148 (20C, 2.40 GHz, up to 3   | .7 GHz, 10.4 GT/s)   |  |
|                               | Intel® Xeon® Gold processor 6144 (8C, 3.50 GHz, up to 4.1  | GHz, 9.6 GT/s)   |  |
|                               | Intel® Xeon® Gold processor 6140 (18C, 2.30 GHz, up to 3.0 GHz, 9.6 GT/s)  |  |  |
|                               | Intel® Xeon® Gold processor 6136 (12C, 3.00 GHz, up to 3.3 GHz, 9.6 GT/s)  |  |  |
|                               | Intel® Xeon® Gold processor 6134 (8C, 3.20 GHz, up to 3.7 GHz, 10.4 GT/s)  |  |  |
|                               | Intel® Xeon® Gold processor 6132 (14C, 2.60 GHz, up to 3.7 GHz, 10.4 GT/s)   |  |  |
|                               | Intel® Xeon® Gold processor 6128 (6C, 3.40 GHz, up to 3.7 GHz, 10.4 GT/s)  |  |  |
|                               | Intel® Xeon® Gold processor 5122 (4C, 3.60 GHz, up to 3.7 GHz, 10.4 GT/s)  |  |  |
|                               | Intel® Xeon® Gold processor 5120 (14C, 2.20 GHz, up to 3.2 GHz, 10.4 GT/s)   |  |  |
|                               | Intel® Xeon® Gold processor 5118 (12C, 2.30 GHz, up to 3.2 GHz, 10.4 GT/s)   |  |  |
|                               | Intel® Xeon® Silver processor 4114 (10C, 2.20 GHz, up to 3.0 GHz, 9.6 GT/s)  |  |  |
|                               | Intel® Xeon® Silver processor 4112 (4C, 2.60 GHz, up to 2.9 GHz, 9.6 GT/s)   |  |  |
|                               | Intel® Xeon® Silver processor 4110 (8C, 2.10 GHz, up to 2.4 GHz, 9.6 GT/s)   |  |  |
| perating systems              |  |  |  |
| perating system pre-installed | Windows 10 Pro for Workstations  | Windows 10 Pro for Workstations  |  |
| perating system compatible    | Windows 7 Professional (available through downgrade rights from Windows 10 Pro) Windows® Server 2016 Linux   | Windows 7 Professional (available through downgrade<br>rights from Windows 10 Pro)<br>Windows® Server 2016<br>Linux  |  |
| perating system notes         | Certified for Red Hat© Enterprise Linux Certified for SUSE Enterprise Desktop Certified for SUSE Enterprise Server Windows 10 Support: After the end of the product life FUJITSU will continue to test and support all upcoming 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 Certified for SUSE Enterprise Server 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. |  |
| Memory modules                | 8 GB (1 module(s) 8 GB) DDR4, registered, ECC, 2,666 MHz   |  |  |
|                               | 16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,666 MHz   |  |  |
|                               | 32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,666 MHz   |  |  |
|                               | 32 db (1 1110ddle(S) 32 db) DDR4, legisteled, ECC, 2,000 i   | VIIIZ  |  |

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| Graphics                | Ultra-high-end 3D: NVIDIA® Quadro® GV100, 32 GB, PCIe x16, 4 x DisplayPort                          |
|-------------------------|---|
|                         | Ultra-high-end 3D: NVIDIA® Quadro® P6000, 24 GB, PCIe x16, 1x Dual Link DVI-D, 4 x DisplayPort      |
|                         | Ultra-high-end 3D: NVIDIA® Quadro® P5000, 16 GB, PCIe x16, 1x Dual Link DVI-D, 4 x DisplayPort      |
|                         | High-end 3D: AMD Radeon™ Pro WX 7100 , 8 GB, PCle 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, PCle x16, 4 x DisplayPort        |
|                         | Entry 3D: NVIDIA® Quadro® P1000, 4 GB, PCIe x16, 4x miniDP  |
|                         | Entry 3D: AMD Radeon™ Pro WX 3100, 4 GB, 320 stream processors, PCle x16, 1x DisplayPort, 2x miniDP |
|                         | Entry 3D: AMD Radeon™ Pro WX 2100, 2 GB, 320 stream processors, PCle x16, 1x DisplayPort, 2x miniDP |
|                         | Entry 3D: NVIDIA® Quadro® P620, 2 GB, PCIe x16, 4x miniDP   |
|                         | Entry 3D: NVIDIA® Quadro® P400 , 2 GB, PCle x16, 3x miniDP  |
|                         | Remote Graphics: CELSIUS RemoteAccess Quad Card, PCIe x1, 4x miniDP, PCoIP                          |
|                         | Remote Graphics: CELSIUS RemoteAccess Dual Card, PCIe x1, 2x miniDP, PCoIP                          |
|                         | Others: DP to DVI-D (single link) Adapter Cable   |
| Personal Supercomputing | Coprocessor: NVIDIA® Tesla® M60, 16 GB, 4096 cores, PCIe x16  |

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### Hard disk drives (internal)

| SSD PCIe, 1000 GB U.2, 2.5-inch, business critical             |
|--|
| SSD PCIe, 500 GB U.2, 2.5-inch, business critical              |
| SSD SATA III, 960 GB High Endurance, 3DWPD, 2.5-inch           |
| SSD SATA III, 480 GB High Endurance, 3DWPD, 2.5-inch           |
| SSD SATA III, 240 GB High Endurance, 3DWPD, 2.5-inch           |
| 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, 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, 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, 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, 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, 1800 GB, 2.5-inch                         |
| HDD SAS, 10,000 rpm, 1200 GB, 2.5-inch                         |
| HDD SAS, 10,000 rpm, 900 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                      |
|  |

## Hard disk notes

One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. 24/7 ready (Business Critical HDDs or SAS HDDs or High Endurance SSDs required)
Up to 20 GB of HDD space is reserved for system recovery
SED (Self-Encrypting Drive)
SSD (Solid State Disk)

| 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"   |  |
| SCSI / SAS Controller                        | LSI RAID Ctrl SAS 1GB (D3216) RAID 5/6 Ctrl. 12 Gbit/s 8 ports int.   |  |
| Sest 7 37 B controller                       | LSI RAID Ctrl SAS (D3327) RAID 0/1 Ctrl. 12 Gbit/s 8 ports int.   |  |
|  | Intel VROC HW key Standard M.2  |  |
|  | Intel VROC HW key Premium U.2   |  |
| Interface add on cards/components (optional) |   |  |
| (0)  | WLAN 802.11ac (2x2) PCIe x1 FH and BT 4.1 (dedicated regions only, up to BT 4.2 depending on OS version)  |  |
|  | WLAN 802.11ac (2x2) PCIe x1 FH (dedicated regions only)   |  |
|  | PLAN EP X550-T2 2x10GBASE-T   |  |
|  | PLAN EM X557-T2 2x10GBASE-T   |  |
|  | PLAN EM 2x10Gb SFP+   |  |
|  | Gigabit Ethernet PCle x1  |  |
|  | eSATA Interface   |  |
|  | Dual serial card PCIe x1  |  |
|  | Dual 10 Gigabit Ethernet PCIe x8  |  |
| Base unit                                    | CELSIUS R970 (S26361-K1449-V515) CELSIUS R970power (S26361-K1449-V615)  |  |
| Mainboard                                    |   |  |
| Mainboard type                               | D3488   |  |
| Formfactor                                   | proprietary   |  |
| Chipset                                      | Intel® C624   |  |
| Processor socket                             | Socket P  |  |
| Processor quantity maximum                   | 2   |  |
| Supported capacity RAM (max.)                | 1,024 GB  |  |
| Memory slots                                 | 16 (8 per processor) DIMM (DDR4) ECC  |  |
| Memory frequency                             | 2,666 MHz   |  |
| Memory notes                                 | 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 2,666MHz may be clocked down to 2,400 or 2,133 depending on the processor. Supports up to 2TB of main memory (offered on request). This requires dual CPU usage with selected CPUs and 128GB DDR4 memory modules. |  |
| LAN  | 10/100/1,000 MBit/s Intel® I219LM and Intel® I210   |  |
| BIOS version                                 | AMI Aptio V   |  |
| 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                               | 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   |  |
|  | RAID 0/1/5/10   |  |

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| 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   | e-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   |  |
|  | Optical USB tilt wheel mouse   |  |
|  | 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 Up to 4x 3.5-inch HDDs (cold plug) and 1x 2.5-inch SSD or 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 PCle SSD modules)  |  |
| Slots                                  |  |  |
| PCI-Express 3.0 x8                     | 2 x (200 mm) Full height (1x PCle 3.0x8 per processor)   |  |
| PCI-Express 3.0 x16                    | 4 x (340 mm / 13.39 inch) Full height (2x PCle 3.0x16 pe   | בי טנטנפגצטנ)  |
| 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                    | MIJIDIAR O dear DCOOR DCOOR - 12/2002  |  |
| Graphics notes                         | NVIDIA® Quadro® P6000, P5000 and P4000 support SLI   |  |
| Electrical values                      |  |  |
| Power consumption note                 | 500 W depending on configuration   | 650 W depending on configuration   |
| Rated voltage range                    | 100 V - 240 V  | 100 V - 240 V  |
| Rated frequency range                  | 50 Hz - 60 Hz  | 50 Hz - 60 Hz  |
| Operating voltage range                | 90 V - 264 V   | 90 V - 264 V   |
| Operating line frequency range         | 47 Hz - 63 Hz  | 47 Hz - 63 Hz  |
| Max. output of single power supply     | 1000 W up to 90% efficiency  | 1300 W up to 90% efficiency for an input voltage above<br>115 V                                |
| Power factor correction/active power   | active   | active   |
| Power supply output                    | 2 graphics power rails (8pin connector / 18.5A@12V)  | 1000 W for an input voltage below 115 V<br>3 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 6128   |
|  |  | present eres   |

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| Noise for standard configuration (HDD,                 |  |   |
|--|--|---|
| Standard noise emission                                | 8x4 GB, HDD, ODD, Windows<br>According to ISO 7779:2010, ECMA-74   | 8x4 GB, HDD, ODD, Windows<br>According to ISO 7779:2010, ECMA-74  |
| 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<br>50% load         | 4.0 B / 24 dB(A) Bystander position  | 4.0 B / 24 dB(A) Bystander position   |
| Standard noise operation mode: CPU<br>90% load         | 4.0 B / 24 dB(A) Bystander position  | 4.0 B / 24 dB(A) Bystander position   |
| Standard noise operation mode: HDD<br>oad              | 4.0 B / 24 dB(A) Bystander position  | 4.0 B / 24 dB(A) Bystander position   |
| Standard noise operation mode: Idle<br>mode            | 4.0 B / 23 dB(A) Bystander position  | 4.0 B / 23 dB(A) Bystander position   |
| Standard noise operation mode: ODD<br>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  | 4.0 B / 23 dB(A) Bystander position   |
| Dimensions / Weight / Environmental                    |  |   |
| Dimensions (W x D x H)                                 | 186 x 618 x 430 mm   |   |
|  | 7.32 x 24.3 x 16.9 inch  |   |
| Operating position                                     | Vertical / horizontal  |   |
| Veight   | approx. 20 kg  |   |
| Veight (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   | CELSIUS R970power   |
| Model  | ETNA-L   |   |
| Germany  | GS<br>depending on configuration   |   |
| Еигоре   | CE   |   |
| USA/Canada   | FCC Class B<br>cCSAus  |   |
| Global   | RoHS (EU & China) Microsoft Operating Systems (HCT / HCL entry / WHQL) WEEE (Waste electrical and electronic equipment) Energy Star® 6.1 (dedicated regions, depending on configuration) EPEAT® Silver (dedicated regions) |   |
| China  | CCC<br>TPM 2.0 for China (optional)  |   |
| Compliance notes                                       | Product Name maybe followed by suffixes  |   |
| Compliance link  | https://sp.ts.fujitsu.com/sites/certificates   |   |
| Additional Software                                    |  |   |
| Additional software (preinstalled)                     | Workplace Protect (secure authentication solution) McAfee® LiveSafe™ (provides award-winning antivirus prot Microsoft Office (1 month trial for new Microsoft® Office 36   |   |

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| Additional Software            |  |   |  |
|--------------------------------|--|---|--|
| 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 regio which it was acquired.) |   |  |
| Security                       |  |   |  |
| Physical Security              | Kensington Lock support Eye for padlock Intrusion switch Integrated cabinet lock (optional)  | Kensington Lock support<br>Eye for padlock<br>Intrusion switch<br>Integrated cabinet lock (optional)  |  |
| System and BIOS Security       | Embedded security (TPM 2.0) EraseDisk 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 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<br>Auto BIOS Update via customer server (optional)<br>Easy PC Protection (optional)<br>Easy Restore (optional)   | Auto BIOS Update via Fujitsu Server<br>Auto BIOS Update via customer server (optional)<br>Easy PC Protection (optional)<br>Easy Restore (optional)  |  |
| Manageability                  |  |   |  |
| Manageability technology       | 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)   |   |  |
| Manageability software         | DeskView Client<br>DeskView Instant BIOS Management  |   |  |
| DeskView components            | Inventory Management<br>BIOS Management<br>Driver Management<br>Security Management<br>Alarm Management  |   |  |
| Supported standards            | WMI (Windows Management Instrumentation) PXE (Preboot Execution Environment) DMI (Desktop Management Interface) SMBIOS (System Management BIOS) WBEM (Web Based Enterprise Management) CIM (Common Information Model)  |   |  |
| Manageability link             | http://www.fujitsu.com/fts/manageability   |   |  |
| Miscellaneous                  |  |   |  |
|                                | Rack mountable (5U)  | Rack mountable (5U)   |  |
| Spare part availability        | 5 years  | 5 years   |  |
| Packaging information          |  |   |  |
| Max. quantity / pallet         | 11   | 11  |  |
| Packaging notes                | printed user documentation is bleached in chlorine free process  | printed user documentation is bleached in chlorine free process   |  |

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| Warranty   |   |  |
|--|---|--|
| Warranty period  | 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 Related Services - the perfe | y Terms & Conditions http://support.ts.fujitsu.com/warranty Related Services - the perfect 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/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:<br>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™ Click manageability software and a range of connectivity options ideal for medium- and large-sized businesses.   | Order Code:<br>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:<br>S26381-K438-L100                      |
| Keyboard KB900        | The KB900 is a very flat keyboard with extra low keys and spill-resistant protection. The elegant design and top-quality construction makes the KB900 the ideal input device for any PC or Notebook user. If you accidently spill some water or coffee onto the keyboard, this special construction helps the liquid to flow away.  | S26381-K560-L4** (**:<br>Country specific variation) |

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## 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/

### Software

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/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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