Fujitsu recommends Windows 11 Pro.

Data Sheet
Fujitsu Workstation CELSIUS W5012

VR Ready CAD Powerhouse

If you thought you would need to sacrifice performance, expandability or price in a micro tower design – think again. The Fujitsu CELSIUS W5012 desktop workstation goes far and beyond with its innovative design, featuring the latest 12th and 13th Gen Intel® Core™ processor, stable Intel® vPro™ technology, DDR5 memory, and dual slot full-length graphics card support.

Powerful, expandable, and reliable
Maximum performance for demanding applications and creative workflows
- Powered by the latest 12th and 13th generation Intel® Core™ processors
- Windows 11 Pro support
- Up to 128 GB DDR5 4,400 MT/s memory (incl. ECC)
- Support for 24/7 operation with reliable high-endurance and business critical drives
- Full support for ISV applications and easy integration into existing IT environments
- Broad choice of graphics cards, ranging from integrated Intel graphics to professional graphics cards from AMD and NVIDIA

Excellent connectivity
Best-in-class connectivity features allow you to be flexible and stay productive
- Flexible graphics connector options: HDMI, Type-C, DP 1.4a, Intel® Thunderbolt™ 4
- Type-C option supporting 60 Watt output power to run a display w/o extra power supply
- PCIe 5.0 x16 slot for higher speed with graphics cards

Clean design and upgradability
Ultimate usability, reliability and ease of use
- Clutter-free interiors and cold-plug technology for HDDs inside
- Tool-less access to components for easy access and upgrade
- Supports massive amount of data storage with 4 storage slots

Wide application scenarios
Perfect machine for AEC, BIM, M&E, Product Design and Manufacturing workflows
- Supports graphics-accelerated applications
- Advanced CPUs in combination with flash storage for best application performance
- Up to 8 monitors with the NVIDIA® Mosaic™ technology
Fujitsu recommends Windows 11 Pro.

Components

Processor
- Intel® Core™ i9-13900 processor (24 Cores (8+16) / 32 Threads, 2.0 GHz, 36 MB, Intel® UHD Graphics 770) **
- Intel® Core™ i9-13900K processor (24 Cores (8+16) / 32 Threads, 3.0 GHz, 36 MB, Intel® UHD Graphics 770) **
- Intel® Core™ i9-12900 processor (16 Cores (8+8) / 24 Threads, 2.4 GHz, 30 MB, Intel® UHD Graphics 770) **
- Intel® Core™ i9-12900K processor (16 Cores (8+8) / 24 Threads, 3.2 GHz, 30 MB, Intel® UHD Graphics 770) **
- Intel® Core™ i7-13700 processor (16 Cores (8+8) / 24 Threads, 2.1 GHz, 30 MB, Intel® UHD Graphics 770) **
- Intel® Core™ i7-13700K processor (16 Cores (8+8) / 24 Threads, 3.4 GHz, 30 MB, Intel® UHD Graphics 770) **
- Intel® Core™ i7-12700 processor (12 Cores (8+4) / 20 Threads, 2.1 GHz, 25 MB, Intel® UHD Graphics 770) **
- Intel® Core™ i7-12700K processor (12 Cores (8+4) / 20 Threads, 3.6 GHz, 25 MB, Intel® UHD Graphics 770) **
- Intel® Core™ i5-13500 processor (14 Cores (6+8) / 20 Threads, 2.5 GHz, 24 MB, Intel® UHD Graphics 770) **
- Intel® Core™ i5-12500 processor (6 Cores / 12 Threads, 3.0 GHz, 18 MB, Intel® UHD Graphics 770) *

*with Intel® Turbo Boost Technology 2.0 (clock speed and performance will vary depending on workload and other variables)

**with Intel® Turbo Boost Max Technology 3.0 (clock speed and performance will vary depending on workload and other variables)

Operating systems

Operating system pre-installed
- Windows 11 Home

Operating system compatible
- Certified for Red Hat® Enterprise Linux

Operating system notes
- Windows 11 requires for first device setup:
  - Internet connectivity
  - Microsoft account for Home editions or organizational account (e.g. ADD) for Pro editions
- After product end of life, Fujitsu continues to test and support new Windows releases for max. 5 years, depending on extension of hardware services through warranty top ups.
- For more details please visit our Fujitsu Service Statement under https://support.ts.fujitsu.com/IndexProdSupport.asp?lng=com&OpenTab=The use of Windows Operating System is subject to acceptance of the End User License Agreement of Microsoft as applicable under the relevant Microsoft program.
- Thunderbolt 4 not part of Red Hat® certification

Memory modules
- 8 GB (module(s) 8 GB) DDR5, unbuffered, non-ECC, 4,800 MT/s, UDIMM
- 16 GB (module(s) 16 GB) DDR5, ECC, 4,800 MT/s, UDIMM
- 16 GB (module(s) 16 GB) DDR5, unbuffered, non-ECC, 4,800 MT/s, UDIMM
- 32 GB (module(s) 32 GB) DDR5, ECC, 4,800 MT/s, UDIMM
- 32 GB (module(s) 32 GB) DDR5, unbuffered, non-ECC, 4,800 MT/s, UDIMM

Graphics
- Midrange 3D: NVIDIA® RTX™ A2000, 6 GB, PCIe x16, 4 x DisplayPort
- Midrange 3D: NVIDIA® RTX™ A2000, 12 GB, PCIe x16, 4 x DisplayPort
- High-end 3D: NVIDIA® RTX™ A4000, 16 GB, PCIe x16, 4 x DisplayPort
- Ultra-high-end 3D: NVIDIA® RTX™ A5000, 24 GB, PCIe x16, 4 x DisplayPort
- High-end 3D: NVIDIA® RTX™ A4500, 20 GB, PCIe x16, 4 x DisplayPort
- High-end 3D: NVIDIA® Quadro RTX™ 4000, 8 GB, PCIe x16, 3 x DisplayPort, 1 x Virtual Link
- Midrange 3D: NVIDIA® Quadro® P2200, 5 GB, PCIe x16, 4 x DisplayPort
- Entry 3D: NVIDIA® T1000, 4 GB, PCIe x16, 4 x miniDP
- Entry 3D: NVIDIA® T1000, 8 GB, PCIe x16, 4 x miniDP
- Entry 3D: NVIDIA® T400, 4 GB, PCIe x16, 3 x miniDP
- Others: MiniDP to DP Adapter Cable

Mass storage
- SSD SATA III, 960 GB High Endurance, 1.5DWDP, 2.5-inch
- SSD SATA III, 3.84 TB High Endurance, 1.5DWDP, 2.5-inch
- SSD SATA III, 1.92 TB High Endurance, 1.5DWDP, 2.5-inch

Mass Storage M.2 technology
- RAID1 Bundle 2x512GB M.2 NVMe
Fujitsu recommends Windows 11 Pro.

**Mass storage 3.5 inch size**
- HDD SATA III, 7,200 rpm, 8000 GB, 3.5-inch, business critical
- HDD SATA III, 7,200 rpm, 4000 GB, 3.5-inch, business critical
- HDD SATA III, 7,200 rpm, 2000 GB, 3.5-inch

**Mass Storage M.2 technology**
- SSD PCIe, 2048 GB M.2 NVMe module (Gen4), SED
- SSD PCIe, 1024 GB M.2 NVMe module (Gen4), SED
- SSD PCIe, 512 GB M.2 NVMe module (Gen4), SED
- SSD PCIe, 512 GB M.2 NVMe Module (Gen4), Value, SED

**Mass Storage M.2 technology**
- SSD PCIe, 2048 GB M.2 NVMe module (Gen4), SED
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- SSD PCIe, 512 GB M.2 NVMe module (Gen4), SED
- SSD PCIe, 512 GB M.2 NVMe Module (Gen4), Value, SED

**Hard disk notes**
- One Gigabyte equals one billion bytes, when referring to hard disk drive capacity.
- SSD (Solid State Disk)
- SED (Self-Encrypting Drive)
- Durability in accordance with the manufacturer’s indications on read and write cycles.

**Drives (optional)**
- BD Triple Writer SATA ultra slim (tray)
- DVD Super Multi ultra slim (tray)
- MultiCard Reader 15in1 USB 3.0 3.5"

**Interface add on cards/components (optional)**
- Parallel Card (1 Port)
- Intel® Wi-Fi 6E AX211 (2x2/160) Gig+ and Bluetooth 5.2 vPro; SRD cat.1 (dedicated regions only)
- 2.5 Gigabit Ethernet PCIe x1
- Dual 2.5 Gigabit Ethernet PCIe x1
- Dual serial card PCIe x1

**Drives**
- SD-Card 4.0 reader in front

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**Base unit**

**Base unit**
- CELSIUS W5012
- CELSIUS W5012 ESTAR

**Mainboard**
- Mainboard type: D4017
- Formfactor: proprietary
- Chipset: Intel® W680
- Processor socket: LGA1700
- Processor quantity maximum: 1
- Supported capacity RAM (max.): 128 GB
- Memory slots: 4 DIMM (DDR5)
- Memory frequency: 4,400 MT/s
- Memory notes: Dual channel support
- Configuration with 3 (out of max. 4) modules should be avoided because of performance limitations

**LAN**
- 10/100/1,000 MBit/s Intel® I219LM

**Integrated WLAN**
- 1 (optional)

**BIOS version**
- AMI Aptio V
- UEFI Specification 2.8

**BIOS features**
- BIOS Flash EPROM update by software
- Recovery BIOS
- Unified Extensible Firmware Interface (UEFI)

**Audio type**
- On Board

**Audio codec**
- Realtek ALC897

**Audio features**
- Internal speaker supports audio playback, High Definition audio, 5.1 surround sound
## I/O controller on board

| Serial ATA total | 6 |
| Controller functions | Serial ATA III (6 Gbit) |
| | NCQ |
| | AHCI |
| | SATA RAID Support |
| | PCIe RAID (0, 1, 5) Support |

## Interfaces

| Audio: line-in | 1 |
| Audio: line-out | 1 |
| Front audio: headset | 1 |

### Flexible Interface Options

| One of following flexible Interface options can be added to the system | One of following flexible Interface options can be added to the system |
| | HDMI™ (supports 4k@60Hz as specified in HDMI™ 2.1) |
| | DisplayPort™ 1.4a (external HDMI- and DVI adapters not supported) |
| | USB 3.2 Gen 2 (10Gbps) Type-C™ (supports DisplayPort™ 1.4 and power delivery (PD) up to 60W. Occupies in addition PCIe x16 slot) |
| | USB 3.2 Gen 2 (10 Gbps) Type-C™ (supports DisplayPort™ 1.4 and power delivery (PD) up to 15W) |
| | Intel® Thunderbolt™ 4 (40 Gbps, supports DisplayPort 1.4 and 15W power delivery) |
| | 2.5 Gigabit Ethernet (Intel 225LM) |
| | 2x USB 2.0 Type A |
| | Serial port (9pin, 16 byte FIFO, 16550 compatible) |
| | USB front |
| | 2x USB 2.0 Type-A |
| | 2x USB 3.2 Gen 2 (10 Gbps) Type-A |
| | 1x USB 3.2 Gen 2x2 (20 Gbps) Type-C (supports up to 15W) |
| | USB rear |
| | 2x USB 2.0 Type-A |
| | 3x USB 3.2 Gen 2 (10 Gbps) Type-A |
| | 1x USB 3.2 Gen 2x2 (20 Gbps) Type-C see flexible interface options |
| | USB internal |
| | 1x USB 2.0 Type A |
| | USB 3.2 Gen 1x2 (20 Gbps) Type-C |
| | Ethernet (RJ-45) | 1 |
| | Interface Module notes | Anytime USB charge functionality |
| | Kensington Lock support | 1 |

## Input device / components

| Input devices (optional) | Keyboard |
| | Mouse |

## Drive bays

| 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

- **External 5.25” bays:** one bay in HH format for 5.25” ODD or 5.25” Half Height (HH) external bay can be used for a 3.5” HDD, in addition one bay for slim optical disc drive.
- **External 3.5” bay:** can be used for optional 3.5” HDD internal 3.5” bays: 3.5” drive (screws; optional screwless)
- **Maximum number of 3.5” HDD:** 4 (possible with limitation on other components)

| M.2-2280 | 2 x on mainboard for SSD NVMe (PCIe 4.0 x4; up to 64Gbit/s) |

## Slots

| PCI-Express 3.0 x1 | 1 x (70 mm with K CPUs or 110 mm / 2.76 inch with K CPUs or 4.33 inch) Full height |
| PCI-Express 3.0 x4 (mech. x16) | 1 x (270 mm / 10.63 inch) Full height |
| PCI-Express 4.0 x4 (mech. x16) | 1 x (270 mm / 10.63 inch) Full height |
Fujitsu recommends Windows 11 Pro.

**Slots**

- **PCI-Express 5.0 x16**: 1 x (270 mm / 10.63 inch) Full height
- **M.2-2230**: on mainboard for WLAN module

**Graphics on board**

- **Graphics brand name**: Intel® UHD Graphics 770
- **Shared video memory**: Up to half size of total system memory
- **TFT resolution (DisplayPort)**: Up to 4,096 x 2,304 pixel
- **TFT resolution (HDMI)**: Up to 4,096 x 2,304 pixel
- **Graphics features**: Support for up to four independent displays
  - DirectX® 12.1
  - HDCP support
  - OpenCL 3.0
  - OpenGL ® 4.6
  - Vulkan™
  - For multi monitoring mode, graphics card and integrated graphics run in parallel
  - DisplayPort interface supports Ver. 1.4 incl. Multi-Stream
  - Digital audio formats are supported, including Dolby Digital Plus (7.1 channels)
  - DVI-D interface supports audio output if connected to the HDMI interface of a display via suitable adapter cables (not included)
  - see flexible interface options

**Electrical values**

- **Power efficiency note**
  - Power supply efficiency in % at 10% / 20% / 50% / 100% load
  - 80Plus PLATINUM 680W:
    - for 230V: 89/92/93/92
    - for 115V: 88/91/92/90
  - 80Plus PLATINUM 300W:
    - for 230V: 88/92/94/93
    - for 115V: 87/91/92/91
- **Rated voltage range**: 100 V - 240 V
- **Rated frequency range**: 50 Hz - 60 Hz
- **Operating voltage range**: 90 V - 264 V
- **Operating line frequency range**: 47 Hz - 63 Hz
- **Max. output of single power supply**: 300W or 680 W (depending on PSU)
- **Power factor correction/active power**: active
- **Power supply output**: Power supply PLATINUM 680W: 2 graphics power rails (6 pin- and 8 pin connectors)
- **Monitor outlet**: Switched for 300 W power supply

**Noise emission**

- **Related Processors for noise**: Intel® Core™ i7-12700 processor and
  - 512GB M.2, 8GB, ODD; NVIDIA T400, Windows 11 (tower position)
- **Standard noise emission**
  - 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))
- **Standard noise operation mode: CPU 50% load**
  - for 300W PLATINUM PSU:
    - 3.3 B / 19 dB(A) Bystander; 22 dB(A) Operator position
- **Standard noise operation mode: HDD load**
  - for 300W PLATINUM PSU:
    - 3.4 B / 20 dB(A) Bystander; 23 dB(A) Operator position
- **Standard noise operation mode: Idle mode**
  - for 300W PLATINUM PSU:
    - 3.3 B / 19 dB(A) Bystander; 21 dB(A) Operator position
- **Standard noise operation mode: ODD load**
  - for 300W PLATINUM PSU:
    - 4.5 B / 31 dB(A) Bystander; 36 dB(A) Operator position
- **Standard noise operation mode: Office applications 2.0**
  - for 300W PLATINUM PSU:
    - 3.3 B / 19 dB(A) Bystander; 21 dB(A) Operator position

**Dimensions / Weight / Environmental**

- **Dimensions (W x D x H)**: 180 x 304 x 375 mm
  - 7.09 x 11.97 x 14.76 inch
### Dimensions / Weight / Environmental

<table>
<thead>
<tr>
<th>Operating position</th>
<th>Vertical</th>
</tr>
</thead>
</table>
| Weight              | Min: 6.5kg; 1x mem, 1xSDD, 300W power supply  
Max: 10kg; 
power cord (0.2kg) is not part of min/max |
| Weight (lbs)        | approx. 22.05 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

<table>
<thead>
<tr>
<th>Product</th>
<th>CELSIUS W5012</th>
<th>CELSIUS W5012 ESTAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>MI7W</td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td>GS</td>
<td>TÜV NRTL</td>
</tr>
<tr>
<td>Europe</td>
<td>CE</td>
<td></td>
</tr>
</tbody>
</table>
| Global             | RoHS (Restriction of hazardous substances)  
WEEE (Waste electrical and electronic equipment)  
Microsoft Operating Systems (HCT / HCL entry / WHQL)  
Microsoft Secured-core PC certification (for selected configurations) |
| Global             | RoHS (Restriction of hazardous substances)  
WEEE (Waste electrical and electronic equipment)  
Microsoft Operating Systems (HCT / HCL entry / WHQL)  
Microsoft Secured-core PC certification (for selected configurations)  
ENERGY STAR® 8.0  
EPEAT® Gold (dedicated regions)  
TCO Certified, generation 9 |
| Compliance link    | https://sp.ts.fujitsu.com/sites/certificates |

### Additional Software

| Additional software (preinstalled) | 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)  
Nero Essentials XL  
Microsoft® Office Professional 2021  
Microsoft® Office Home and Business 2021  
(Need to buy license to activate the pre-installed Microsoft Office. Purchase and activation only in the region in which it was acquired.) |
| Additional software (notes)      | Use of accompanying and/or additional Software is subject to proactive acceptance of the respective License Agreements /EULAs/ Subscription and support terms of the Software manufacturer as applicable for the relevant Software whether preinstalled or optional. The software may only be available bundled with a software support subscription which – depending on the Software - may be subject to separate remuneration. |

### 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) |
|--------------------------------------------|---------------------------------------------------------------------|
| System and BIOS Security                   | Embedded security (TPM 2.0)  
EraseDisk  
Credential Guard Ready and Device Guard Capable (requires 8 GB or more system RAM and SSD PCIe NVME)  
Modern Standby (Windows 11 only) and Legacy Standby selectable  
Write protect option for the Flash EPROM  
Control of all USB interfaces  
External USB ports can be disabled separately  
Control of external interfaces  
NIST SP800-147 BIOS Protection supported  
NIST SP800-155 BIOS Integrity Measurement supported  
NIST SP800-193 Platform Firmware Resiliency supported |
| User Security                              | User and supervisor BIOS password  
Hard disk password  
Access protection via external SmartCard reader (optional)  
Access protection via internal SmartCard reader (optional) |
Security

Security Notes

The properties of the product provide a baseline for product security and therefore end-customer IT security. However, these properties are not sufficient on their own to protect the product from all existing threats, such as intrusion attempts, data exfiltration and other forms of cyberattacks. To customize security settings, please use the configuration options as available for the respective product. During operation, the IT security of this product is within the responsibility of the respective administrator/end-user of the product. Please note, that Fujitsu as a manufacturer does not make any policy prescriptions or advocacy statements regarding IT security best practices and/or general product operation.

Manageability

Manageability technology

- Intel® vPro® Essentials (optional)
- Intel® vPro® Enterprise (optional)
- Intel AMT 16.0 (depending on processor)
- DeskUpdate Driver management
- PXE 2.1 Boot code
- Wake up from S5 (off mode)
- Intrusion switch (optional)
- WoL (Wake on LAN)

Manageability software

- DeskView Client
- DeskView Instant BIOS Management

DeskView components

- BIOS Management incl. Security
- Inventory Management
- Driver Management
- Alarm Management

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


Miscellaneous

- Keyboard on with one key (Fujitsu Keyboards KB521, KB955)
- Keyboard on with two keys (CTRL+CTRL; special Fujitsu USB keyboards required)
- Keyboard on with any key (USB)
- Thermal management
- Extended lifetime
- Integrated dust filter in front bezel

Packaging information

Packaging dimension (mm) 499 x 296 x 439 mm
Packaging dimension (inch) 19.65 x 11.65 x 17.28 inch
Max. quantity / pallet 24
Material - Weight (g) Carton 1114 g
Material - Weight (lbs) Carton 2.46 lbs
Material - Weight (g) PE 246 g
Material - Weight (lbs) PE 0.54 lbs
Packaging notes printed user documentation is bleached in chlorine free process; Bulk packaging for projects (optional)

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 http://www.fujitsu.com/warranty

Digital bug fixes

Subject to availability and following their generic release for the product, bug fixes and function-preserving patches for product-related software (firmware) can be downloaded from the technical support at: https://support.ts.fujitsu.com/ free of charge by entering the respective product serial number. For application software supplied together with the product, please directly refer to the support websites of the respective software manufacturer.

Product Support - the perfect extension

Recommended Service 9x5, Onsite Response Time: Next Business Day
Spare Parts availability at least 5 years after shipment, for details see https://support.ts.fujitsu.com/
Fujitsu recommends Windows 11 Pro.

**Warranty**

**Service Weblink**  

### Recommended Accessories

**Blue LED Mouse M960**  
The Blue LED Mouse M960 comes in a slim design with proven Fujitsu engineering quality. The track on glass Blue LED sensor enables ultra precise switchable resolution at 1,000, 1,600 and 2,000 dpi. Blue LED Mouse M960 makes your life easier because it’s tailor-made for right handed users. It just feels great in your hand.  
Order Code: S26381-K470-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 accidently spill some water or coffee onto the keyboard, this special construction helps the liquid to flow away.  
Order Code: S26381-K955-L4** (**: Country specific variation)
Fujitsu recommends Windows 11 Pro.

More information

Fujitsu products, solutions & services
In addition to the Fujitsu Workstation CELSIUS W5012, 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/

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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Disclaimer
Please note that the data sheet reflects the technical specification with the maximum selection of components for the named system and not the detailed scope of delivery. The scope of delivery is defined by the selection of components at the time of ordering.
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.
The overall product has been designed and manufactured for general office use, regular personal use and ordinary industrial use.