Fujitsu recommends Windows 11 Pro.

# Data Sheet
## Fujitsu Workstation CELSIUS H5511

### For Creators on the Go!

The new FUJITSU Workstation CELSIUS H5511 delivers a perfect combination of power and mobility, all in a thin and light design. With the latest Intel Core processors, NVIDIA professional graphics, anti-glare FHD display, and an advanced suite of security features, including PalmSecure™, the CELSIUS H5511 helps you run with your creative ideas fast and secure, anywhere, anytime.



Excellent user experience and mobility
Work on your creative projects in the office, at home or on the move
- Small footprint, slim, lightweight design for improved portability (<2kg / <20.8 mm)
- Ultimate viewing experience with FHD display - FHD HDR (500cd & 100% sRGB) or FHD (300cd)
- Anti-glare FHD display with a modern, slim-bezel design that maximizes your viewing area
- Built-in infrared camera provides quick and easy way of logging into the system



Workstation power, more mobile than ever
Pro-level performance on the go
- Latest 11th generation Intel® Core™ processors (i5 or i7) offer unmatched speed and performance
- Power up your ideas and creative workflows with NVIDIA® T500 (4GB VRAM) graphics
- Windows 11 Pro support
- Up to 64GB DDR4 3200MHz memory
- Massive storage capabilities supported by 2x M.2 Storage options (incl. RAID support)
- Support for Intel® Gaussian & Neural Accelerator (Intel® GNA) feature



Effortless connectivity, superior usability
Stay connected and productive wherever you are
- Latest Intel® Thunderbolt™ 4 technology and USB ports for high-speed file transfer and fast charging, and to keep you connected to external monitors and other accessories
- 2x Thunderbolt 4 interfaces, Type-C
- Wide range of interfaces with full-size LAN connector, full-size HDMI, and USB Type-C

Advanced security
Protect your enterprise data from unauthorized access. No more passwords to worry about with three unique biometric login options.
- Infrared FHD webcam (IR Hello Cam): Allows face recognition with Windows Hello
- Fingerprint sensor or PalmSecure™ (optional)
- Built-in Privacy Camera Shutter: For protecting your privacy

Fujitsu recommends Windows 11 Pro.

# Components

| Base unit | CELSIUS H5511 | CELSIUS H5511 ESTAR |
|---|---|---|
| Operating systems | | |
| Operating system pre-installed | Windows 11 Pro. Fujitsu recommends Windows 11 Pro for business.<br>Windows 10 Pro. Fujitsu recommends Windows 11 Pro for business. | |
| Operating system compatible | FREE Upgrade to Windows 11*<br>*Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see aka.ms/windows11-spec). | |
| Operating system notes | After the end of the product life Fujitsu will continue to test and support all upcoming Windows 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 General Availability Channel" at https://support.ts.fujitsu.com/IndexProdSupport.asp?lng=com&OpenTab= | |
| Processor | Intel® Core™ i7-1185G7 processor (4 Cores / 8 Threads, 3.0 GHz, up to 4.8 GHz, NVIDIA® T500) | |
| | Intel® Core™ i7-1165G7 processor (4 Cores / 8 Threads, 2.8 GHz, up to 4.7 GHz, NVIDIA® T500) | |
| | Intel® Core™ i5-1145G7 processor (4 Cores / 8 Threads, 2.6 GHz, up to 4.4 GHz, NVIDIA® T500) | |
| | Intel® Core™ i5-1135G7 processor (4 Cores / 8 Threads, 2.4 GHz, up to 4.2 GHz, NVIDIA® T500) | |
| Memory modules | 8 GB (1 module(s) 8 GB) DDR4, 3,200 MT/s, SO DIMM | |
| | 16 GB (1 module(s) 16 GB) DDR4, 3,200 MT/s, SO DIMM | |
| | 32 GB (1 module(s) 32 GB) DDR4, 3,200 MT/s, SO DIMM | |
| Hard disk drives (internal) | PCIe-SSD, 512 GB, M.2 module, SED | |
| | PCIe-SSD, 256 GB, M.2 module, SED | |
| | PCIe-SSD, 2 TB, M.2 module, SED | |
| | PCIe-SSD, 1 TB, M.2 module, SED | |
| Hard disk notes | Accessible capacity may vary, also depending on used software. | |
| Interface add on cards/components (optional) | | |
| 3G/4G (optional) | LTE Sierra Wireless EM7421 (Cat.7) | |
| Multimedia | | |
| Camera | Built-in FHD IR Camera (Windows Hello certified) with Privacy Shutter | |

# Base unit

| Base unit | CELSIUS H5511 | CELSIUS H5511 ESTAR |
|---|---|---|
| Mainboard type | | |
| Chipset | Integrated in CPU | |
| Chipset notes | Intel® vPro™ technology dependent on processor type | |
| Supported capacity RAM (min.) | 8 GB | |
| Supported capacity RAM (max.) | 64 GB | |
| Memory slots | 2 SO DIMM (DDR4, 3200 MHz) | |
| LAN | 10/100/1,000 MBit/s Intel® I219LM | |
| Integrated WLAN | Intel WiFi 6 AX201 | |
| BIOS version | UEFI Specification 2.7 | |
| BIOS features | InsydeH2O BIOS | |
| Audio type | On board | |
| Audio codec | Realtek ALC257 | |

| | | |
|---|---|---|
| Audio features | 2x built-in speakers (stereo) | |
| MIL-STD tested | Yes, selected MIL-STD-810H tests passed.<br>MIL-STD-810H test results are not a guarantee of future performance under identified test conditions.<br>Accidental damage is not covered under standard international limited warranty. | |
| **Display** | | |
| Diagonal Size | 39.6 cm (15.6-inch) | 39.6 cm (15.6-inch) |
| Display Technology | LED backlit | LED backlit |
| Display type | Anti-glare IPS display | Anti-glare IPS display |
| Display Resolution type | FHD | FHD |
| Resolution (native) | 1,920 x 1,080 pixel | 1,920 x 1,280 pixel |
| Aspect ratio | 16:9 | 16:9 |
| Brightness - typical | 500 or 300 cd/m² (depending on display) | 500 or 300 cd/m² (depending on display)<br>HDR (depending on display) |
| Contrast - typical | 800:1 or 700:1 typ. (depending on display) | 800:1 or 700:1 typ. (depending on display) |
| High color gamut - typical | | 100% sRGB |
| Viewing angle (h/v) - typical | 170°/170° | 170°/170° |
| Display notes | ISO 9241-307 - Pixel class II - anti-glare level; Color Gamut: 100% sRGB; HDR (depending on display) | ISO 9241-307 - Pixel class II - anti-glare level; HDR (depending on display) |
| **Graphics** | | |
| Base unit | CELSIUS H5511 | CELSIUS H5511 ESTAR |
| TFT resolution (HDMI) | up to 3,840 x 2,160 @ 60 Hz | up to 3,840 x 2,160 @ 60 Hz |
| Graphics brand name | NVIDIA® T500 | NVIDIA® T500 |
| Graphics features | 3 Display Support<br>DirectX® 12<br>OpenGL® 4.5 | 3 Display Support<br>DirectX® 12<br>OpenGL® 4.5 |
| Dedicated video memory | 4 GB (GDDR6) | 4 GB (GDDR6) |
| **Interfaces** | | |
| DC-in | Type-C powered | |
| Audio: line-in / line-out | 1 | |
| Internal microphones | 2x digital array microphones | |
| USB 3.2 Gen1 (5 Gbps) total | 2x Type-A (1 with Anytime USB charge functionality) | |
| USB Type-C | 2 x Intel® Thunderbolt™ 4 (40Gbps), Power Delivery (15W), DP 1.4a | |
| Ethernet (RJ-45) | 1× | |
| Memory card slots | 1 (USH-II) SD 4.0 Standard<br>SD/microSD card<br>SDHC/microSDHC card<br>SDXC/microSDXC card<br>Speed Class: up to UHS-II | |
| SmartCard slot | 1x | |
| SIM card slot | 1 (Micro-SIM, only for models with integrated 4G LTE module) | |
| Interface Module notes | 1x Kensington Lock support | |
| **Port Replicator interfaces (optional)** | | |
| | Thunderbolt™ 4 PR | |
| DC-in | 1 (20V/170W required) | |
| Power on switch | 1 | |
| Audio: comments | 1 Combo jack for headset usage | |
| DisplayPort | 2x V1.4++ | |
| HDMI text | V 2.0b | |
| Interface Notes | 2x Type-A - 5V/0.9A, 4.5W<br>1x Type-A - 5V/2.4A, 12W<br>2x Type-C - 5V, 1.5A/4.5W charging port<br>1x Type-C - TBT4 up to 60 W (PD v2.0-1.1), 5-20V/3.0A upstream (PC), Intel AMT support (vPRO)<br>1x Type-C - TBT4 up to 15 W (PD v2.0-1.1), 5V/3.0A downstream, power output to client | |
| Kensington Lock support | 1 | |

| | | |
|---|---|---|
| **Port Replicator interfaces (optional)** | | |
| Ethernet (RJ-45) | 1 (10/100/1000 Mbit/s, 2,5 Gbps) | |
| Notes | Number of simultaneous used displays and its possible resolutions and frequencies depend on mobile system and display interface type.<br>Please consult always also the manual of the connected client. | |
| **Keyboard and pointing devices** | | |
| | Keyboard w/o touchstick (spill-resistant), Backlit keyboard w/o touchstick (spill-resistant) | |
| | Multi gesture touchpad with two mouse buttons | |
| **Wireless technologies** | | |
| Bluetooth | v5.1 | |
| Integrated WLAN | Intel WiFi 6 AX201 | |
| **I/O controller on board** | | |
| RAID support | 0,1 | |
| **Power supply** | | |
| Rated voltage range | 100 V - 240 V (AC Input) | 100 V - 240 V (AC Input) |
| Rated frequency range | 50 Hz - 60 Hz | 50 Hz - 60 Hz |
| 1st battery | Li-Ion battery 4-cell, 69.7 Wh, 4515 mAh | Li-Ion battery 4-cell, 69.7 Wh, 4515 mAh |
| Runtime 1st battery | up to 10 hours (depending on configuration) | up to 10 hours (depending on configuration) |
| Noise emission | Please refer to the Eco Declaration | |
| Standard noise emission | | |
| **Dimensions / Weight / Environmental** | | |
| Dimensions (W x D x H) | 363.0 x 249.0 x 20.8 mm | |
| | 14.3 x 9.8 x 0.82 inch | |
| Weight | from 1.9 kg | |
| Weight (lbs) | from 4.2 lbs | |
| Weight notes | Weight may vary depending on actual configuration | |
| Operating ambient temperature | 5 - 35 °C (41 - 95 °F) | |
| Operating relative humidity | 20 - 80 % (relative humidity, non-condensing) | |
| **Compliance** | | |
| Product | CELSIUS H5511 | CELSIUS H5511 ESTAR |
| Europe | CE Marking | |
| Global | RoHS (EU & China) | RoHS (EU & China)<br>ENERGY STAR® in progress<br>EPEAT® Silver (dedicated regions) (planned)<br>TCO Certification in progress |
| Compliance link | https://sp.ts.fujitsu.com/sites/certificates | |
| **Additional Software** | | |
| Additional software (preinstalled) | Fujitsu Plugfree Network (network management utility)<br>Fujitsu Anytime USB Charge Utility<br>Fujitsu Battery Utility<br>Fujitsu Function Manager<br>Fujitsu DeskUpdate (driver and utility tool) | |
| Additional software (optional) | Recovery DVD for Windows®<br>Drivers & Utilities DVD (DUDVD)<br>CyberLink YouCam (webcam software)<br>Microsoft® Office Professional 2021<br>Microsoft® Office Home and Business 2021<br>(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 accopanying 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. | |

Fujitsu recommends Windows 11 Pro.

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|---|---|
| Manageability technology | DeskUpdate Driver management<br>PXE 2.1 Boot code<br>Wake up from S5 (off mode)<br>WoL (Wake on LAN)<br>Intel® vPro™ technology/iAMT (depending on processor) |
| 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)<br>PXE (Preboot Execution Environment)<br>DMI (Desktop Management Interface)<br>SMBIOS (System Management BIOS)<br>CIM (Common Information Model)<br>BootP (made4you) |
| Manageability link | http://www.fujitsu.com/fts/manageability |

| Security | |
|---|---|
| Physical Security | Kensington Lock support |
| User Security | Embedded fingerprint sensor (optional)<br>Embedded PalmSecure® sensor (optional)<br>Hard disk password |
| 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. |
| Packaging dimension (mm) | 200 x 442 x 335 mm |
| Packaging dimension (inch) | 7.87 x 17.4 x 13.19 inch |

| Warranty | |
|---|---|
| Warranty period | 3 years (depending on country) |
| Warranty type | Bring-in Service / Collect & Return Service (depending on country) |
| 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 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/emeia/products/product-support-services/ |

# Recommended Accessories

Fujitsu recommends Windows 11 Pro.

| | | | |
|---|---|---|---|
| Thunderbolt™ 4 Port Replicator |  | First Thunderbolt™ Port Replicator on the market providing enhanced security and full support of Intel® AMT (vPro®).<br>The universal port can easily connect almost everything with a single cable and high speed-data transfer. This smart workspace solution keeps your desk clean and tidy. | Order Code:<br>FPCPR401BP |
| Privacy Filters |  | To use privacy filters is a must in times of increased safety requirements. Fujitsu's Privacy Filters block unauthorized views on your screen while you are sitting in an external meeting or working in a train. The front view remains clear for the user's eyes only. The filters are easy to attach and what's more: They also protect your screen from small scratches and damages. | Order Code:<br>S26391-F6098-L215 |
| Prestige Case 15 (2021) |  | The Prestige Case 15 protects notebooks with up to 15.6-inch screens. The front compartment provides space for your power cord and office supplies. The large compartment is devided for your notebook and a tablet. | Order Code:<br>S26391-F1120-L60 |
| Prestige Trolley 17 |  | The Fujitsu Prestige Trolley 17 protects and transports notebooks with up to 17 inch screens, along with clothes and toiletries. It is the perfect companion in a city environment or for overnight stays with four spacious compartments. Smooth running wheels and a telescopic handle ensure convenience, while the central section protects your notebook with shock-absorbing foam. | Order Code:<br>S26391-F1194-L130 |
| 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:<br>S26381-K459-L100 |
| Wireless Keyboard Set LX960 |  | The Wireless Keyboard Set LX960 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-bit AES encryption. | S26381-K960-L4** (**: Country specific variation) |

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# More information

## Fujitsu products, solutions & services

In addition to the Fujitsu Workstation CELSIUS H5511, 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 H5511, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/emeia/CELSIUS

## Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.
Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.
Please find further information at http://www.fujitsu.com/global/about/environment




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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.
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The overall product has been designed and manufactured for general office use, regular personal use and ordinary industrial use.

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