

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



# Components

Base unit	CELSIUS H5511	CELSIUS H5511 ESTAR
<b>Operating systems</b>		
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 <a href="https://support.ts.fujitsu.com/IndexProdSupport.asp?lng=com&amp;OpenTab=">https://support.ts.fujitsu.com/IndexProdSupport.asp?lng=com&amp;OpenTab=</a>	
<b>Processor</b>		
	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)	
<b>Memory modules</b>		
	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	
<b>Hard disk drives (internal)</b>		
	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.	
<b>Interface add on cards/components (optional)</b>		
3G/4G (optional)	LTE Sierra Wireless EM7421 (Cat.7)	
<b>Multimedia</b>		
Camera	Built-in FHD IR Camera (Windows Hello certified) with Privacy Shutter	

## Base unit

Base unit	CELSIUS H5511	CELSIUS H5511 ESTAR
<b>Mainboard type</b>		
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. MIL-STD-810H test results are not a guarantee of future performance under identified test conditions. 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/m <sup>2</sup> (depending on display)	500 or 300 cd/m <sup>2</sup> (depending on display) 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 DirectX® 12 OpenGL® 4.5	3 Display Support DirectX® 12 OpenGL® 4.5
Dedicated video memory	4 GB (GDDR6)	4 GB (GDDR6)

Interfaces		
DC-in	Type-C powered	Type-C powered
Audio: line-in / line-out	1	1
Internal microphones	2x digital array microphones	2x digital array microphones
USB 3.2 Gen1 (5 Gbps) total	2x Type-A (1 with Anytime USB charge functionality)	2x Type-A (1 with Anytime USB charge functionality)
USB Type-C	2 x Intel® Thunderbolt™ 4 (40Gbps), Power Delivery (15W), DP 1.4a	2 x Intel® Thunderbolt™ 4 (40Gbps), Power Delivery (15W), DP 1.4a
Ethernet (RJ-45)	1x	1
Memory card slots	1 (USH-II) SD 4.0 Standard SD/microSD card SDHC/microSDHC card SDXC/microSDXC card Speed Class: up to UHS-II	1 (USH-II) SD 4.0 Standard SD/microSD card SDHC/microSDHC card SDXC/microSDXC card Speed Class: up to UHS-II
SmartCard slot	1x	1x
SIM card slot	1 (Micro-SIM, only for models with integrated 4G LTE module)	1 (Micro-SIM, only for models with integrated 4G LTE module)
Interface Module notes	1x Kensington Lock support	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 1x Type-A - 5V/2.4A, 12W 2x Type-C - 5V, 1.5A/4.5W charging port 1x Type-C - TBT4 up to 60 W (PD v2.0-1.1), 5-20V/3.0A upstream (PC), Intel AMT support (vPRO) 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	
Ethernet (RJ-45)	1 (10/100/1000 Mbit/s, 2,5 Gbps)	

**Port Replicator interfaces (optional)**

Notes	Number of simultaneous used displays and its possible resolutions and frequencies depend on mobile system and display interface type. Please consult always also the manual of the connected client.
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**Keyboard and pointing devices**

	Keyboard w/o touchstick (spill-resistant), Backlit keyboard w/o touchstick (spill-resistant) Multi gesture touchpad with two mouse buttons
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**Wireless technologies**

Bluetooth	v5.1
Integrated WLAN	Intel WiFi 6 AX201

**I/O controller on board**

RAID support	0,1
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**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
Model		5H15A2
Europe	CE Marking	
Global	RoHS (EU & China)	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 8.0 EPEAT® Gold (dedicated regions) TCO Certified 9.0
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>	

**Additional Software**

Additional software (preinstalled)	Fujitsu Plugfree Network (network management utility) Fujitsu Anytime USB Charge Utility Fujitsu Battery Utility Fujitsu Function Manager Fujitsu DeskUpdate (driver and utility tool)
Additional software (optional)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD) CyberLink YouCam (webcam software) 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**

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.
Manageability technology	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) WoL (Wake on LAN) Intel® vPro™ technology/iAMT (depending on processor)
Manageability software	DeskView Client DeskView Instant BIOS Management
DeskView components	Inventory Management BIOS Management Driver Management Security Management Alarm Management
Supported standards	WMI (Windows Management Instrumentation) PXE (Preboot Execution Environment) DMI (Desktop Management Interface) SMBIOS (System Management BIOS) CIM (Common Information Model) BootP (made4you)
Manageability link	<a href="http://www.fujitsu.com/fts/manageability">http://www.fujitsu.com/fts/manageability</a>

**Security**

Physical Security	Kensington Lock support
System and BIOS Security	--- Embedded security (TPM 2.0) EraseDisk
User Security	Embedded fingerprint sensor (optional) Embedded PalmSecure® sensor (optional) 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	<a href="http://www.fujitsu.com/warranty">http://www.fujitsu.com/warranty</a>
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: <a href="https://support.ts.fujitsu.com/">https://support.ts.fujitsu.com/</a> 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	at least 5 years after shipment, for details see <a href="https://support.ts.fujitsu.com/">https://support.ts.fujitsu.com/</a>
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

### Thunderbolt™ 4 Port Replicator



First Thunderbolt™ Port Replicator on the market providing enhanced security and full support of Intel® AMT (vPro®). 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:  
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:  
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 divided for your notebook and a tablet.

Order Code:  
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:  
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:  
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)

## 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/](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 H5511, 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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### 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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