

Fujitsu recommends Windows 10 Pro for business.

# Data Sheet

## FUJITSU Workstation CELSIUS H7510

Mobility. Security. Virtual Reality.

Experience the real workstation power on the move, with the new FUJITSU CELSIUS H7510. It is a 15.6-inch mobile workstation that combines ultimate security with future technologies. While engineers and creative professionals are working with huge datasets, this machine will not weigh them down when showcasing designs in virtual reality at events or at the customer site.

### Need For Speed

True workstation performance on the move

- Choose between 10th Gen Intel® Core™ processors or the powerful Intel® Xeon® W-10885M and W-10855M processors supporting ECC memory
- Windows 10 Pro for Workstations support
- Full HD anti-glare display
- Up to 128 GB DDR4 2400 MHz memory (ECC optional)
- Dual M.2 PCIe-SSD NVMe technology (up to 4 TB NVMe storage capacity)



### Full connectivity and worry-free docking experience

No compromise in terms of connectivity, regardless of whether you are away, in a meeting or at your desk

- Choice of port replicators with mechanical or Thunderbolt™ 3 connector
- Mechanical port replicator: Offering charging capabilities for the mobile workstation
- Thunderbolt™ 3 port replicator: 2x USB Type-C™ connector offering speed up to 40Gbps, and charging capabilities (power delivery of 15W) for mobile phone or power bank. The mobile workstation requires a power supply with at least 230W.
- Full monitor connectivity support: 1x VGA and 1x HDMI
- Compatible with FUJITSU LIFEBOOK Thunderbolt™ 3 port replicator

### Mobility Meets Security

Data security and peace of mind

- Optional PalmSecure™, a leading-edge highly secure authentication system using biometric technology that authenticates users through vein pattern recognition
- Integrated SmartCard reader
- TPM 2.0 and Advanced Theft Protection

### We are (VR) ready

Allows architects, engineers and designers to showcase their work in a real-time, fully immersive VR environment

- Powered by the latest graphics card for mobile workstations (up to NVIDIA® Quadro RTX™ 3000)
- Ideal for mobile VR showcases at the customer site or at an event
- Easy connectivity of the head-mount display to the HDMI port



# Components

Base unit	CELSIUS H7510
<b>Operating systems</b>	
Operating system pre-installed	Windows 10 Pro for Workstations Windows 10 Pro High End Windows 10 Pro
Operating system notes	Certified for SUSE Enterprise Desktop
<b>Processor</b>	Intel® Xeon® processor W-10885M (8 Cores / 16 Threads, 2.4 GHz, up to 5.3 GHz, NVIDIA® Quadro RTX™ 3000)
	Intel® Xeon® processor W-10855M (6 Cores / 12 Threads, 2.80 GHz, up to 5.1 GHz, NVIDIA® Quadro® T2000)
	Intel® Core™ i9-10885H processor (8 Cores / 16 Threads, 2.40 GHz, up to 5.3 GHz, NVIDIA® Quadro RTX™ 3000)
	Intel® Core™ i7-10875H processor (8 Cores / 16 Threads, 2.30 GHz, up to 5.1 GHz, NVIDIA® Quadro® T2000)
	Intel® Core™ i7-10875H processor (8 Cores / 16 Threads, 2.30 GHz, up to 5.1 GHz, NVIDIA® Quadro® T1000)
	Intel® Core™ i7-10850H processor (6 Cores / 12 Threads, 2.70 GHz, up to 5.1 GHz, NVIDIA® Quadro® T2000)
	Intel® Core™ i7-10850H processor (6 Cores / 12 Threads, 2.70 GHz, up to 5.1 GHz, NVIDIA® Quadro® T1000)
	Intel® Core™ i5-10400H processor (4 Cores / 8 Threads, 2.60 GHz, up to 4.6 GHz, NVIDIA® Quadro® T1000)
	Intel® Core™ i5-10400H processor (4 Cores / 8 Threads, 2.60 GHz, up to 4.6 GHz, NVIDIA® Quadro® P620)
	Please note that only certain combinations of processors, graphics and displays can be ordered *with Intel® Turbo Boost Technology 2.0 (clock speed and performance will vary depending on workload and other variables)
<b>Memory modules</b>	8 GB (1 module(s) 8 GB) DDR4, 2,400 MT/s, PC4-2400, SO DIMM
	16 GB (2 module(s) 8 GB) DDR4, 2,400 MT/s, PC4-2400, SO DIMM
	16 GB (2 module(s) 8 GB) DDR4, ECC, 2,400 MT/s, PC4-2400, SO DIMM
	32 GB (2 module(s) 16 GB) DDR4, 2,400 MT/s, PC4-2400, SO DIMM
	32 GB (2 module(s) 16 GB) DDR4, ECC, 2,400 MT/s, PC4-2400, SO DIMM
	64 GB (2 module(s) 32 GB) DDR4, 2,400 MT/s, PC4-2400, SO DIMM
	64 GB (2 module(s) 32 GB) DDR4, ECC, 2,400 MT/s, PC4-2400, SO DIMM
<b>Hard disk drives (internal)</b>	SSD SATA III, 512 GB, M.2 module, SED
	PCIe-SSD, NVMe, 2048 GB Highend, M.2 module
	PCIe-SSD, NVMe, 1024 GB Highend, M.2 module
	PCIe-SSD, NVMe, 512 GB Highend, M.2 module, SED
	PCIe-SSD, NVMe, 512 GB Highend, M.2 module
	PCIe-SSD, NVMe, 256 GB Highend, M.2 module
	HDD SATA III, 5,400 rpm, 1000 GB
	HDD SATA III, 5,400 rpm, 500 GB
Hard disk notes	One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software.
<b>Interface add on cards/components (optional)</b>	
3G/4G (optional)	Sierra Wireless EM7421 (Cat. 7)
Camera	Built-in webcam (Full HD) with Status LED

## Base unit

Base unit	CELSIUS H7510
<b>Mainboard</b>	
Chipset	Intel® QM480 or WM490 (depending on CPU)
Chipset notes	Intel® vPro™ technology
Supported capacity RAM (min.)	8 GB
Supported capacity RAM (max.)	128 GB
Memory slots	4 SO DIMM (DDR4, 2400 MHz)
LAN	10/100/1,000 MBit/s Intel® I219LM
Integrated WLAN	Intel WiFi 6 AX201
BIOS features	InsydeH2O BIOS
Audio type	On board
Audio codec	Realtek ALC255 with MaxxAudio
Audio features	Stereo speakers, 2 digital microphones
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.
<b>Display</b>	
Display notes	ISO 9241-307 - Pixel class II - anti-glare level
<b>Graphics</b>	
Base unit	CELSIUS H7510
Max. resolution external display	up to 4,096 x 2,160 @ 60 Hz
Max. resolution display port	3,840 x 2,160 pixel via DisplayPort and Type-C and 1,920 x 1,200 pixel via VGA
<b>Interfaces</b>	
DC-in	1x
Audio: line-in / line-out	1
Internal microphones	2x digital array microphones
Internal speakers	2
USB 3.1 Gen1 (USB 3.0) total	1x (type A) power off charge
USB 3.1 Gen2 total	2x (type A)
USB Type-C	2 (USB 3.1 Gen2 (10 Gbps), Thunderbolt 3 (20/40Gbps), Power Delivery (15W), DP 1.4)
VGA	1x
HDMI	1
Ethernet (RJ-45)	1x
SmartCard slot	1x
SIM card slot	1
Multicardreader	1x (SD/SDXC, UHS-II support) SD/microSD = 2GB, SDHC/micro SDHC = 32GB, SDXC = 512GB
Interface Module notes	1x Kensington Lock support, 1x Docking connector
<b>Keyboard</b>	
	Touchpad with three mouse buttons
<b>Input devices (optional)</b>	
	TouchStick
<b>Antennas</b>	
Bluetooth	5.0
Integrated WLAN	Intel WiFi 6 AX201
<b>Fast IDE/Ultra DMA-100</b>	
SATA RAID support	0,1
<b>Power supply</b>	
AC adapter	19.5 V / 230 W (11.8 A)
Rated voltage range	100 V - 240 V (AC Input)
Rated frequency range	50 Hz - 60 Hz

**Power supply**

1st battery	1st Li-Ion battery 8-cell, 96 Wh, 6700 mAh
Runtime 1st battery	up to 12 hours (depending on configuration)
Battery charging time	up to 80% within 1.3 hrs; up to 100% within 2.5hrs.

**Dimensions / Weight / Environmental**

Dimensions (W x D x H)	380.0 x 258.0 x 31.9 mm 14.96 x 10.16 x 1.26 inch
Weight	from 2.7 kg
Weight (lbs)	from 5.95 lbs
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	5 - 35 °C (41 - 95 °F)
Operating relative humidity	20 - 80 % (relative humidity, non-condensing)

**Compliance**

Product	CELSIUS H7510
Europe	CE Marking
USA/Canada	cULus FCC Class B part 15C/E + 22 + 24 (depending on wireless configuration)
Global	RoHS (EU & China) ENERGY STAR® 8.0
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>

**Additional Software**




Additional software (preinstalled)	Adobe® Reader® (pdf reader) McAfee® LiveSafe™ (provides award-winning antivirus protection for your PC and much more. 30 days trial pre-installed) Fujitsu Display Manager EasyGuide online user documentation Power Saving Utility ShockSensor Utility SmartAccess Fujitsu Plugfree Network (network management utility) Intel® SBA (manageability suite for local administration) DTS® Sound Enhance Software Fujitsu Application Button Utility Fujitsu DeskUpdate (driver and utility tool) Microsoft Office (1 month trial for new Microsoft® Office 365 customers. Buy Microsoft Office.)
Additional software (optional)	Drivers & Utilities DVD (DUDVD) LTE / UMTS Connection Manager (if configured with 4G/LTE or 3G/UMTS) Workplace Protect (secure authentication solution)

**Manageability**

Manageability technology	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) WoL (Wake on LAN) Intel® vPro™ technology/iAMT
Manageability software	DeskView Client DeskView Instant BIOS Management DeskView Integration for Symantec Management Platform
DeskView components	Inventory Management BIOS Management Driver Management Security Management Alarm Management
Supported standards	WMI PXE BootP (made4you)
Manageability link	<a href="http://www.fujitsu.com/fts/solutions/high-tech/dynamic-infrastructure/solutions/workplace/manageability/feature-finder.html">http://www.fujitsu.com/fts/solutions/high-tech/dynamic-infrastructure/solutions/workplace/manageability/feature-finder.html</a>

<b>Security</b>	
<b>Physical Security</b>	Kensington Lock support
<b>System and BIOS Security</b>	Advanced Theft Protection Computrace® enabled BIOS EraseDisk (optional) Write protect option for the Flash EPROM Trusted Platform Module (TPM 2.0) Credential Guard Ready and Device Guard Capable (Windows 10, v. 1809; requires 8 GB or more system RAM and SSD PCIe NVMe)
<b>User Security</b>	Embedded fingerprint sensor (optional) Embedded PalmSecure™ sensor (optional) Separate SmartCard slot Hard disk password User and supervisor BIOS password Preboot Authentication with SystemLock 3
<b>Warranty</b>	
<b>Warranty period</b>	3 years (depending on country)
<b>Warranty type</b>	Bring-in Service / Collect & Return Service (depending on country)
<b>Warranty Terms &amp; Conditions</b>	<a href="http://www.fujitsu.com/warranty">http://www.fujitsu.com/warranty</a>
<b>Product Support Services - the perfect extension</b>	
<b>Recommended Service</b>	9x5, Onsite Response Time: Next Business Day
<b>Spare Parts availability</b>	5 years after end of product life
<b>Service Weblink</b>	<a href="http://www.fujitsu.com/emeia/products/product-support-services/">http://www.fujitsu.com/emeia/products/product-support-services/</a>

## Recommended Accessories

<b>Privacy Filters</b>		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
<b>Keyboard KB950 Phone</b>		The KB950 Phone is a modern and slim line USB keyboard with integrated Skype for business features. This extremely reliable, high-speed input device is the perfect way to manage incoming and outgoing calls, even when the system is locked. Three additional keys make it easy to accept and end calls and mute your microphone during a call. Easy number dialing is assured with the numpad. The integrated 61 x 12 mm display shows the time and date, the user status and shows incoming call data in the form of the calling number and caller ID.	S26381-F950-L4** (**: Country specific variation)
<b>Wireless Keyboard Set LX960</b>		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 H7510, 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 H7510, 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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