FUJITSU

Fujitsu recommends Windows 11 Pro.

Data Sheet
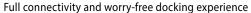## Fujitsu Workstation CELSIUS H7510

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 11 Pro support
- Full HD anti-glare display
- Up to 128 GB DDR4 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
- Mechanical port replicator: Cable-free connectivity, with charging capabilities for mobile workstation
- Full monitor connectivity support: 1x VGA and 1x HDMI

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
Operating systems	
Operating system pre-installed	Windows 11 Pro. Fujitsu recommends Windows 11 Pro for business. Windows 10 Pro. Fujitsu recommends Windows 11 Pro for business.
Operating system compatible	FREE Upgrade to Windows 11* *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	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=
Processor	Intel® Core™ i7-10875H processor (8 Cores / 16 Threads, 2.30 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)
Memory modules	8 GB (1 module(s) 8 GB) DDR4, 2,666 MT/s, PC4-2666, SO DIMM
	16 GB (2 module(s) 8 GB) DDR4, 2,666 MT/s, PC4-2666, SO DIMM
	16 GB (2 module(s) 8 GB) DDR4, ECC, 2,666 MT/s, PC4-2666, SO DIMM
	32 GB (2 module(s) 16 GB) DDR4, 2,666 MT/s, PC4-2666, SO DIMM
	32 GB (2 module(s) 16 GB) DDR4, ECC, 2,666 MT/s, PC4-2666, SO DIMM
	64 GB (2 module(s) 32 GB) DDR4, 2,666 MT/s, PC4-2666, SO DIMM
	64 GB (2 module(s) 32 GB) DDR4, ECC, 2,666 MT/s, PC4-2666, SO DIMM
Hard disk drives (internal)	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.
Interface add on cards/components (optional)	
3G/4G (optional)	Sierra Wireless EM7421 (Cat. 7)
Camera	Built-in webcam (Full HD) with Status LED

Base unit

Base unit	CELSIUS H7510

Mainboard

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
Memory notes	Based on Intel® design, systems built with four DIMM slots run at 2400 MT/s.
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.

Display

Diagonal Size	39.6 cm (15.6-inch)
Display Technology	LED backlit
Display type	Anti-glare IPS display
Display Resolution type	FHD
Brightness - typical	500 or 300 cd/m² (depending on display) HDR400 (depending on display)
Contrast - typical	800:1 or 700:1 typ. (depending on display)
High color gamut - typical	100% sRGB
Viewing angle (h/v) - typical	160°/160°
Display notes	ISO 9241-307 - Pixel class II - anti-glare level

Graphics

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

Interfaces

DC-in	1x
Audio: line-in / line-out	1
Internal microphones	2x digital array microphones
Internal speakers	2
USB 3.2 Gen1 (5 Gbps) total	1x Type-A (with Anytime USB charge functionality)
USB 3.2 Gen2 (10 Gbps) total	2x Type-A
Thunderbolt™ 3 total	2x Type-C (20/40Gbps, Power Delivery (15W), DP 1.4, USB 3.1 Gen2 (10 Gbps)
VGA	1x
HDMI	1 v2.0b
Ethernet (RJ-45)	1×
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

Keyboard

	Keyboard w/o touchstick (spill-resistant), Backlit keyboard w/o touchstick (spill-resistant)
	Multi gesture touchpad with three mouse buttons
Input devices (optional)	TouchStick (optional)

Wireless technologies

Bluetooth	5.0

Wireless technologies

Integrated WLAN	Intel WiFi 6 AX201

I/O Controller

SATA RAID support	0,1

Power supply

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
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% within1.3 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 EPEAT® Silver (dedicated regions)
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) 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) 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.

Supported ISV Applications	AllPlan GmbH - AllPlan[1]
	Dassault Systèmes® CATIA™[1]
	Dassault Systèmes® SOLIDWORKS®[1]
	PTC® Creo®[1]
	Siemens Digital Industries - NX[1]
	Siemens Digital Industries - Solid Edge[1]
	Adobe® After Effects®[2]
	Adobe® Dreamweaver®[2]
	Adobe® Illustrator®[2]
	Adobe® InDesign®[2]
	Adobe® Photoshop®[2]
	Adobe® Premiere® Pro[2]
	Autodesk® AutoCAD®[2]
	Autodesk® Inventor®[2]
	Autodesk® Maya®[2]
	Autodesk® Revit®[2]
	Autodesk® VRED®[2]
	Bentley OpenComms™ Designer[2]
Supported ISV Applications (notes)	[1]System certification (for selected configurations)
	[2]ISV support given via usage of certified graphic card
	Please refer to the ISV documentation (https://sp.ts.fujitsu.com/dmsp/Publications/public/wp-FUJITSU-Workstation-CELSIUS-ISV-overview.pdf) for further details and current status on system ISV certifications.

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	https://www.fujitsu.com/global/products/computing/pc/manageability/

Security

Physical Security	Kensington Lock support
System and BIOS Security	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)
User Security	Embedded fingerprint sensor (optional)
	Embedded PalmSecure™ sensor (optional)
	Separate SmartCard slot
	Hard disk password
	User and supervisor BIOS password
	Preboot Authentification with SystemLock 3

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.
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 - 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/
Service Weblink	http://www.fujitsu.com/emeia/products/product-support-services/

Recommended Accessories

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 Backpack 17 (2021)	The Fujitsu Prestige Backpack 17 (2021) protects notebooks with up to 17-inch displays. It contains three large compartments, an elastic mesh side pocket and a front bay. The padded back compartment provides protection for your notebook, while the other sections store power adaptors and office supplies. Padded shoulder straps and back cushions provide comfort on the move.	Order Code: S26391-F1120-L135
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: S26391-F1120-L60

PLEVIER MOGGRIDGE 15		The Plevier Moggridge 15 leather bag is designed in a classic black leather shade to carry devices up to 15.6 inches in size. It features a front compartment for additional accessories, as well as a main compartment with padding to protect your device. Both its secure and elegant design create the optimal carrier for your device.	Order Code: S26391-F1193-L66
			Order Code: S26381-K473-L100
Wireless Mouse WI860 BTC		The Wireless Mouse WI860 BTC can be paired with up to 3 different clients, 2x Bluetooth and 1x wireless USB Type-C dongle. With the blue optical sensor, it works on nearly all surfaces with an 3-step adjustable DPI selector (800/1600/2400). The mouse charges wirelessly through Qi or by USB Type-C cable. A utility button on the side is programmable. The default functions are optimized for Teams calls.	Order Code: S26381-K474-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 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/

Software
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

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.