

Fujitsu recommends Windows 11 Pro.

# Data Sheet

## Fujitsu Notebook LIFEBOOK U7511

### Ultra-Mobile Meets Ultra Secure

The FUJITSU Notebook LIFEBOOK U7511 is a slim notebook, based on the 11th generation Intel® Core™ processor, for business professionals. The 15.6-inch screen, light weight of 1.5 kg, Intel® Thunderbolt™ 4 ports enables it to provide portability. With the outstanding security with the PalmSecure™ makes the notebook to perfect choice in today's modern workstyle.

#### Elegant design and enjoyable mobility

Manage your workday with premium notebooks providing ultimate convenience to maximize your productivity

- The remarkably slim 18.1 mm ultra-mobile notebook weighs only 1.5 kg.
- Enjoy the Intel® Iris® Xe Graphics with a FHD or HD display.
- The outdoor-friendly anti-glare FHD touch panel (optional) comes with a narrow bezel design and complete magnesium warm silver housing.

#### Excellent security

Enhance your security with outstanding features to best protect your notebook and company data

- Integrated PalmSecure™ or finger print sensor
- Infrared Camera: Allows face recognition with Windows Hello
- Built-in Privacy Camera Shutter: Protecting your privacy
- SmartCard reader and TPM 2.0

#### Premium connectivity

Stay flexible and productive within a modern workplace environment

- Compact and versatile Intel® Thunderbolt™ 4 USB Type-C connector to charge your laptop, transfer files at fast speeds, connect external monitors and other peripherals
- Full set of interfaces with full-size LAN connector, full-size HDMI and USB Type-C
- Embedded 4G or 5G/LTE

#### Convenient upgradeability

Direct access to key components reduces upgrade time and costs

- Battery, memory and internal storage is hidden under a service door

#### Family concept

Reduce your acquisition cost as well as the complexity of your IT equipment

- Shared components such as the same new classic or USB Type-C port replicator, AC Adapter, BIOS and Bit Image across the ultra-mobile LIFEBOOK U7 family



# Components

Base unit	LIFEBOOK U7511
Operating system preinstalled	
Operating system pre-installed	Windows 11 Pro. Fujitsu recommends Windows 11 Pro for business. Windows 11 Home 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	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, up to 4.8 GHz) Intel® Core™ i7-1165G7 processor (4 Cores / 8 Threads) * Intel® Core™ i5-1145G7 processor (4 Cores / 8 Threads) Intel® Core™ i5-1135G7 processor (4 Cores / 8 Threads) * Intel® Core™ i3-1125G4 processor (4 Cores / 8 Threads) * *Processor only for retail, SMB, education and government
<b>Memory modules</b>	4 GB (1 module(s) 4 GB) DDR4, 3,200 MT/s, SO DIMM 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 NVMe module, SED PCIe-SSD, 256 GB M.2 NVMe module, SED PCIe-SSD, 256 GB M.2 NVMe module PCIe-SSD, 1 TB M.2 NVMe 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) (Downlink speed up to 300 Mbit/s, Uplink speed up to 150 Mbit/s)
4G/5G (optional)	LTE Sierra Wireless EM9191 (Downlink speed up to 3 Gbit/s MB/s, Uplink speed up to 660 Mbit/s)
3G/4G (optional)	LTE Fibocom L850-GL (Cat.9) (Downlink speed up to 450 Mbit/s, Uplink speed up to 50 Mbit/s)
<b>Display</b>	39.6 cm (15.6-inch), IPS, FHD, 1,920 x 1,080 pixel, Anti-glare multi-touch, 250 cd/m <sup>2</sup> (Touch), 700:1 (Touch) 39.6 cm (15.6-inch), FHD, 1,920 x 1,080 pixel, Anti-glare IPS display, 300 cd/m <sup>2</sup> (FHD), 1000:1 (FHD)
<b>Multimedia</b>	
Camera	Built-in webcam (HD) with Status LED Built-in Infrared webcam (HD) with Status LED
Camera notes	720p, 1 megapixels, 1280 x 720, with Privacy Camera Shutter
Microphone	dual digital array microphone

## Base unit

Base unit	LIFEBOOK U7511
<b>General system information</b>	
Chipset	Integrated

**General system information**

Supported capacity RAM (min.)	4 GB
Supported capacity RAM (max.)	64 GB
Memory slots	2 SO DIMM (DDR4, 3200 MHz)
Memory notes	Dual channel support
LAN	10/100/1,000 MBit/s Intel® I219LM
Integrated WLAN	Intel WiFi 6 AX201 - WLAN, BT, SRD cat. 1
BIOS version	UEFI Specification 2.7
BIOS features	InsydeH2O BIOS
Audio type	On board
Audio codec	Realtek ALC255
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.
Color	Warm Silver
Material	Magnesium

**Display**

Display notes	FHD - Viewing angle: Left/Right 89°, Top 89°, Bottom 89°; Color Gamut: 72% NTSC; Response Time 30ms Touch - Viewing angle: Left/Right 85°, Top 85°, Bottom 85°; Color Gamut: 45% NTSC; Response Time 25ms
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**Graphics**

Base unit	LIFEBOOK U7511
TFT resolution (HDMI)	up to 4,096 x 2,160 @ 60 Hz
Graphics brand name	Intel® UHD Graphics (with Single channel memory), Intel® Iris® Xe Graphics (with Dual channel memory)
Graphics features	3 Display Support DirectX® 12 OpenGL® 4.5
Graphics notes	Shared memory depending on main memory size and operating system

**Interfaces**

Audio: line-in / line-out	1
Internal microphones	2x digital array microphones (optional)
USB 3.2 Gen1 (5 Gbps) total	3x Type-A (1 with Anytime USB charge functionality)
USB 4.0 Gen3 (20 Gbps) total	2x Type-C Intel® Thunderbolt™ 4 (40 Gbps), Power Delivery (15W), DP out
HDMI	1 Supports 4k@60Hz as specified in HDMI 2.0b
Ethernet (RJ-45)	1 (with status LED)
Memory card slots	1 microSD 3.0 Standard microSD card microSDHC card microSDXC card Speed Class: up to UHS-I
SmartCard slot	1 (optional)
SIM card slot	1 (Nano-SIM, only for models with integrated 4G/5G LTE module)
Docking connector for Port Replicator	1
Kensington Lock support	1

**Port Replicator interfaces (optional)**

	Thunderbolt™ 4 PR	Mechanical PR Model: NPR50	USB Type-C PR
DC-in	1 (20V/170W required)	1 (19V/90W required)	1 (19V/90W required)
Power on switch	1	1	1
Audio: line-in / line-out	---	1	---
Audio: comments	1 Combo jack for headset usage	Combo-Port	1 Combo jack for headset usage
USB 3.2 Gen1 (5 Gbps) total	---	4x Type-A 2x Type-C	---
DisplayPort	2x V1.4++	2 (up to 2x 3840x2160 60Hz)	1x V1.2

**Port Replicator interfaces (optional)**

VGA	---	1 (up to 1920x1200 6Hz)	1
HDMI text	V 2.0b	1 (up to 4096x2160 60Hz)	1
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	The shown up to resolutions are maximum values each port and will be different depending on Multi-Display combinations.	3x Type-A - 5V/0.9A, 4.5W 1x Type-C - 15W 1x Type-C - Up to 60 W (PD v2.0-1.1) power output to client or 4.5W input
Kensington Lock support	1	1 (lock Portrep only)	no
Ethernet (RJ-45)	1 (10/100/1000 Mbit/s, 2,5 Gbps)	1	1
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.	1 RJ45 (10/100/1000)	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.

**Keyboard and pointing devices**

	Spill-resistant keyboard with number block, Available with standard keyboard or backlit keyboard Number of keyboard keys: 106, Keyboard pitch: 18.4 mm, Keyboard stroke: 1.7 mm Multi gesture touchpad with two mouse buttons		
Antennas	2 Dual band WLAN antennas, 2+2 LTE antennas optional		
Bluetooth	v5.1		
Integrated WLAN	Intel WiFi 6 AX201 - WLAN, BT, SRD cat. 1		
WLAN encryption	WPA/WPA2/WPA3 (Wi-Fi Protected Access)		
WLAN notes	Import and usage according to country-specific regulations.		
Integrated LTE or UMTS	LTE Sierra Wireless EM7421 (cat.7) - UMTS,LTE LTE Sierra Wireless EM9191 (5G) - UMTS,LTE,5G		
LTE/UMTS/GPS notes	Optional		
GPS	Embedded in 4G/5G module if configured with WWAN		
AC Adapter	20 V / 65 W (3.25 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) Type-C AC-Adapter standard		
AC Adapter	20 V / 65 W (3.25 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) Type-C AC-Adapter slim&light		
1st battery	Lithium polymer battery 4-cell, 65 Wh, 4,280 mAh		
Battery features	Quick Charge: 80% in 1h		
Runtime 1st battery	12 h		
Battery notes	Battery runtime information is based on worldwide acknowledged BAPCo® MobileMark® 2018. Refer to <a href="http://www.bapco.com">www.bapco.com</a> for additional details. The BAPCo® MobileMark® Benchmark provides results that enable direct product comparisons between manufacturers. It does not guarantee any specific battery runtime which actually can be lower and may vary depending on product model, configuration, application and power management settings. The battery capacity decreases slightly with every re-charge and over its lifetime.		

**Noise emission**

Noise emission	Please refer to the Eco Declaration
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**Dimensions / Weight / Environmental**

Dimensions (W x D x H)	357 x 230 x 18.1 mm 14.06 x 9.06 x 0.71 inch
Weight	1.5 kg
Weight (lbs)	3.30 lbs
Weight notes	Weight may vary depending on actual configuration
Operating ambient temperature	5 - 35 °C (41 - 95 °F)
Operating relative humidity	20 - 80 %

Product	LIFEBOOK U7511
Model	7U15A2
Germany	GS (Full HD Display only)
Europe	CE CB
USA/Canada	FCC (depending on configuration) (planned)
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) TCO Certified 8.0 ENERGY STAR® 8.0 EPEAT® Silver (dedicated regions), depending on configuration MIL-STD-810H tested
India	BIS
Russia	EAC
China	CCC
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>
<b>Additional Software</b>	
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) Microsoft® Office Professional 2019 Microsoft® Office Home and Business 2019 (A Microsoft Account is required to activate each copy of these products. For 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.
Manageability technology	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) WoL (Wake on LAN) Intel® vPro™ technology
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>
Physical Security	---
User Security	Access protection via internal SmartCard reader (optional) 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.
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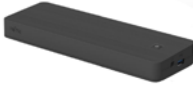



**Warranty**

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	5 years after end of product life
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

Port Replicator for LIFEBOOK U7x12, E5x12, U7411 and U7511		Flexibility, expandability, desktop replacement, investment protection – to name just a few benefits of Fujitsu’s docking options.	Order Code: FPCPR402BP
USB Type-C Port Replicator 2		Connect to your peripherals. Adapt to the task on demand. The universal USB Type-C interface supports you to get your peripheral devices connected easily. Multiply your USB ports to connect your peripherals as well as your external display via HDMI, DisplayPort or VGA. You also can charge your external USB devices without the need of any additional charger.	Order Code: S26391-F3327-L100
USB Port Replicator PR09		The new Fujitsu USB Port Replicator PR09 is the perfect solution for shared desk environments within a hyperconnected world. It connects your mobile system to your main peripherals with a single USB plug. This Port Replicator is equipped with the most powerful DisplayLink chipset supporting high performance video streaming with Dualhead-DisplayPort. Highest data throughput is guaranteed due to an USB Type-C based Gen2 Hub-Controller enabling up to 10 Gbit/s data streaming. The newest version of USB Power Delivery chipset (PD3.0) provides powerful charging during your workday.	Order Code: S26391-F6007-L500
Battery 4 cell 65 Wh		The 4 cell 65 Wh battery has a the recharge time of the cell is 60 minutes for a 80% charge.	Order Code: FPCBP592BP
USB-C Hub 4 Ports		Fujitsu offers the first most powerful USB-C hybrid usage hub, following industrial requirements as well as being ready for office desktop usage. The USB-C Hub 4 Ports from Fujitsu makes connecting all of your USB peripherals a quick and simple process. SuperSpeed USB Type-C makes data transfer to and from external storage faster than ever. The hub dynamically selects the optimal speed for each device, giving you more bandwidth where you need it automatically.	Order Code: S26391-F6099-L404

Privacy Filters		<p>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.</p>	<p>Order Code: S26391-F6098-L215</p>
Prestige Top Case 15 (2021)		<p>The Prestige Top Case 15 protects notebooks with up to 15.6-inch screens. A padded top-loading notebook compartment made of shock-absorbing foam ensures additional protection. It's front pouch is ideal for storing of power adaptors, office supplies or personal items. It is the perfect business case in a practical design.</p>	<p>Order Code: S26391-F1120-L50</p>
Prestige Case 15 (2021)		<p>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.</p>	<p>Order Code: S26391-F1120-L60</p>
PLEVIER ESPLANADE C 15		<p>The Plevier Esplanade C15 leather sleeve case provides a high quality and aesthetically pleasing design both to the eye and the touch. Suitable for devices up to 15.6 inches, the case is available in a cognac leather shade with an additional front bag compartment with a zipper, providing a secure yet stylish portable experience for your carrier.</p>	<p>Order Code: S26391-F1193-L61</p>
PLEVIER MOGGRIDGE 15		<p>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.</p>	<p>Order Code: S26391-F1193-L66</p>
Wireless Notebook Mouse WI660		<p>The Wireless Notebook Mouse WI660 uses wireless 2.4 GHz technology, and an ultra-high resolution switchable sensor to give you the precision and reliability you need (1000/1600/2000 dpi). Sporting a stylish silver-black finish, the WI660 wireless mouse is well suited to all environments.</p>	<p>Order Code: S26381-K471-L100</p>
Keyboard KB950 Phone		<p>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.</p>	<p>S26381-F950-L4** (**: Country specific variation)</p>

## More information

### Fujitsu products, solutions & services

In addition to Fujitsu Notebook LIFEBOOK U7511, 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 Fujitsu Notebook LIFEBOOK U7511, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.

[www.fujitsu.com/emeia/products/computing/pc/notebooks/index.html](http://www.fujitsu.com/emeia/products/computing/pc/notebooks/index.html)

### 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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