

Fujitsu recommends Windows 10 Pro for business.

# Data Sheet

## FUJITSU Tablet LIFEBOOK U9311X

### World's Lightest Convertible With A Pen

Available in red and black, the new ultra-mobile FUJITSU Tablet LIFEBOOK U9311X is a lightweight 360-degree foldable device. All-day battery runtime and global LTE ensure highest productivity in any place, while security features such as the integrated PalmSecure™ sensor keep your business data protected. Powerful performance and full connectivity with Intel® Thunderbolt™ 4 offer you best-in-class user experience.

#### Ultra-slim and lightweight Convertible

The very slim and light housing make it very comfortable to carry the device. Thanks to its 360° foldability, it can be immediately turned from a Notebook to a Tablet – and back.

- Available in red or black
- Remarkably slim, 360° foldable 2-in-1 device
- Weighing from 1 kg with a robust magnesium housing
- Durability is MIL-STD-810H tested
- Intel® Iris® Xe Graphics

#### Security at its best

No compromises in security and data protection – the integrated PalmSecure™ sensor turns your unique palm vein pattern into your personal key. Much safer than any other biometrical methods or passwords.

- PalmSecure™
- Fingerprint (secureBIO)
- Full HD IR Camera supporting Windows Hello (secureBIO)
- SmartCard reader
- TPM 2.0
- Kensington Lock support

#### Excellent connectivity and usability

Newest interfaces and convenient features. All ports are full-sized – even the LAN port. No adapters, that can be lost and cause additional costs, needed.

- Complete set of full-sized interfaces: HDMI, LAN and USB Type-C with Intel® Thunderbolt™ 4
- Intel® Thunderbolt™ 4 port replicator support
- 13.3 inch FHD anti-glare touch display with pen input
- Pen garage with inductive charging function
- Embedded WLAN, Bluetooth and global LTE
- 5 MP rear camera

#### Convenient mobility supporting usage on the go

Highest productivity on business trips without empty batteries or waste of time

- All-day battery runtime offers you the exceptional mobility that you need when on the move
- Anytime USB charging functionality for your peripheral devices, even when the system is turned off
- Powerful performance, thanks to integrated SSDs, helping to process data faster
- Always connected and instantly ready



# Components

<b>Base unit</b>	LIFEBOOK U9311X black	LIFEBOOK U9311X red
<b>Operating systems</b>		
<b>Operating system pre-installed</b>	Windows 10 Pro. Fujitsu recommends Windows 10 Pro for business. Windows 10 Home	Windows 10 Pro. Fujitsu recommends Windows 10 Pro for business. Windows 10 Home
<b>Operating system compatible</b>	Windows 10	Windows 10
<b>Operating system notes</b>	Windows 10 Support: After the end of the product life FUJITSU will continue to test and support all upcoming Window 10 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 10 Semi-Annual-Channel Support" at <a href="http://support.ts.fujitsu.com">http://support.ts.fujitsu.com</a> .	Windows 10 Support: After the end of the product life FUJITSU will continue to test and support all upcoming Window 10 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 10 Semi-Annual-Channel Support" at <a href="http://support.ts.fujitsu.com">http://support.ts.fujitsu.com</a> .
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<b>Processor</b>		
	Intel® Core™ i7-1185G7 processor (4 Cores / 8 Threads)	
	Intel® Core™ i5-1145G7 processor (4 Cores / 8 Threads)	
	Intel® Core™ i5-1135G7 processor (4 Cores / 8 Threads) *	
	*Processor only for retail, SMB, education and government	
<b>Memory</b>		
	8 GB onboard Memory LPDDR4	
	16 GB onboard Memory LPDDR4	
	32 GB onboard Memory LPDDR4	
	No DIMM	
<b>WLAN</b>		
	Intel WiFi 6 AX201 & BT	
<b>Bluetooth</b>		
	V5.1	
<b>3G/4G</b>		
	Sierra Wireless EM7421 (Cat 7)	
	LTE Fibocom L850-GL (Cat 9)	
<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, 32 GB Optane + 512 GB M.2 NVMe module, SED	
	PCIe-SSD, 2 TB M.2 NVMe module, SED	
	PCIe-SSD, 1 TB M.2 NVMe module, SED	
<b>Hard disk notes</b>	One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software. Up to 20 GB of HDD space is reserved for system recovery	

**Interface add on cards/components (optional)**

4G/ LTE (optional)	LTE Sierra Wireless EM7421 (Cat. 7) LTE module Fibocom L850-GL(Cat.9)
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<b>Display</b>	33.8 cm (13.3-inch),IPS,(Full HD),Anti-glare display,1,920 x 1,080 pixel,1000:1,400 cd/m <sup>2</sup>
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**Multimedia**

Camera	Front: IR Cam (2 MP) supporting Windows Hello and secureBIO with LED Out camera: 5 MP with autofocus on top of C cover
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## Base unit

Base unit	LIFEBOOK U9311X black	LIFEBOOK U9311X red
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**General system information**

Chipset	Integrated in CPU
Supported capacity RAM (min.)	8 GB
Supported capacity RAM (max.)	32 GB
Memory slots	LPDDR4 (4266 MHz)
Memory notes	8 GB / 16 GB / 32 GB onboard LPDDR4 (4266 MHz) Dual channel support
LAN	10/100/1,000 MBit/s Intel® I219LM
LAN notes	Intel vPro capable
Integrated WLAN	Intel WiFi 6 AX201 with integrated BT
BIOS version	UEFI Specification 2.7
BIOS features	InsydeH2O BIOS
Audio type	On board
Audio codec	Realtek ALC255
Audio features	2x digital array microphones, 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.

<b>Display</b>		
Display	33.8 cm (13.3-inch),IPS,Full HD,Anti-glare touchscreen,1,920 x 1,080 pixel,1000:1,400 cd/m <sup>2</sup>	33.8 cm (13.3-inch),IPS,Full HD,Anti-glare touchscreen,1,920 x 1,080 pixel,1000:1,400 cd/m <sup>2</sup>
Display notes	Wide-view high-bright LED display (for enhanced outdoor viewing). With magnesium display lid. Integrated ambient light sensor for automatic backlight adjustment to the working environment.	Wide-view high-bright LED display (for enhanced outdoor viewing). With magnesium display lid. Integrated ambient light sensor for automatic backlight adjustment to the working environment.
Sensors	3-axis Accelerometer Gyroscope Magnetic Field Sensor Compass	3-axis Accelerometer Gyroscope Magnetic Field Sensor Compass
Aspect ratio	16:9	16:9
Brightness - typical	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>
Contrast - typical	1000:1	1000:1
Viewing angle (h/v) - typical	178°/178°	178°/178°
Digitizer / Touch Technology	Wacom Digitizer for pen (AES) input plus capacitive 10 finger multi-touch screen	Wacom Digitizer for pen (AES) input plus capacitive 10 finger multi-touch screen
Ambient light sensor	Integrated	Integrated

<b>Display</b>			
<b>Ambient light sensor notes</b>	While enabled, the ambient light sensor automatically adjusts the display backlight		While enabled, the ambient light sensor automatically adjusts the display backlight
<b>Graphics</b>			
<b>Base unit</b>	LIFEBOOK U9311X black		LIFEBOOK U9311X red
<b>TFT resolution (HDMI)</b>	up to 4,096 x 2,160 @ 60 Hz		up to 4,096 x 2,160 @ 60 Hz
<b>Graphics brand name</b>	Intel® UHD Graphics (with Single channel memory), Intel® Iris® Xe Graphics (with Dual channel memory)		Intel® UHD Graphics (with Single channel memory), Intel® Iris® Xe Graphics (with Dual channel memory)
<b>Graphics features</b>	3 Display Support (2 external, 1 internal) HDCP support DirectX® 12 OpenGL® 4.5		3 Display Support (2 external, 1 internal) HDCP support DirectX® 12 OpenGL® 4.5
<b>Graphics notes</b>	Shared memory depending on main memory size and operating system 3D accelerator		Shared memory depending on main memory size and operating system 3D accelerator
<b>Interfaces</b>			
<b>DC-in</b>	1		1
<b>Audio: line-out / headphone</b>	1 (combo port with Audio line-in)		1 (combo port with Audio line-in)
<b>Audio: line-in / microphone</b>	1 (combo port with Audio line-out)		1 (combo port with Audio line-out)
<b>Internal microphones</b>	2x digital array microphones		2x digital array microphones
<b>USB 3.2 Gen 1 (5 Gbps) total</b>	2x Type-A (1 with Anytime USB charge functionality)		2x Type-A (1 with Anytime USB charge functionality)
<b>USB 4.0 Gen 3 (20 Gbps) total</b>	2 x Type-C Intel® Thunderbolt™ 4 (with Power Delivery functionality), DP 1.4		2 x Type-C Intel® Thunderbolt™ 4 (with Power Delivery functionality), DP 1.4
<b>USB Type-C</b>	2 USB 4 Gen3 Thunderbolt™4, Power Delivery (15W), DP 1.4		2 USB 4 Gen3 Thunderbolt™4, Power Delivery (15W), DP 1.4
<b>HDMI</b>	1		1
<b>Ethernet (RJ-45)</b>	1		1
<b>Memory card slots</b>	1 (UHS-II) SD 4.0 standard SD/microSD card: 2GB SDHC/microSDHC card: 32GB SDXC/microSDXC card: 2TB Speed Class: up to UHS-II (156MB/s)		1 (UHS-II) SD 4.0 standard SD/microSD card: 2GB SDHC/microSDHC card: 32GB SDXC/microSDXC card: 2TB Speed Class: up to UHS-II (156MB/s)
<b>SmartCard slot</b>	1		1
<b>SIM card slot</b>	1 (Nano-SIM, only for models with integrated 4G/LTE module)		1 (Nano-SIM, only for models with integrated 4G/LTE module)
<b>Docking connector for Port Replicator</b>	USB Type-C Portreplicator		USB Type-C Portreplicator
<b>Kensington Lock support</b>	1		1
<b>Port Replicator interfaces (optional)</b>			
	Thunderbolt™ 4 PR	USB Type-C PR	Thunderbolt™ 3 PR
<b>DC-in</b>	1 (20V/170W required)	1 (19V/90W required)	1 (20V/170W required)
<b>Power on switch</b>	1	1	1
<b>Audio: comments</b>	1 Combo jack for headset usage	1 Combo jack for headset usage	1 Combo jack for headset usage
<b>DisplayPort</b>	2 (up to 2560 x 1600), DP 1.4	1 (up to 2560 x 1600)	2 (up to 2560 x 1600)
<b>VGA</b>	---	1 up to 1920x1200 @ 60Hz depending on FJ mobile client	---
<b>HDMI text</b>	1	1	1
<b>Interface Notes</b>	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) 1x Type-C - TBT4 up to 15 W (PD v2.0-1.1), 5V, 3.0A downstream, power output to client	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	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 - TBT3 up to 60 W (PD v2.0-1.1), 5-20V, 3.0A upstream (PC) 1x Type-C - TBT3 up to 15 W (PD v2.0-1.1), 5V, 3.0A downstream, power output to client

**Port Replicator interfaces (optional)**

<b>Kensington Lock support</b>	1	no	1
<b>Notes</b>	RJ-45:10/100/1000 Mbits/s LAN WoL from S3 state WoL from S4 / S5 / G3 state depending on Fujitsu mobile client PXE launching for dedicated FJ mobile clients Set the MAC address by the user MAPT from 10th gen	1 RJ45 (10/100/1000) WoL from S3 state WoL from S4 / S5 / G3 depending on Fujitsu mobile client Launch of PXE for dedicated FJ mobile clients Set the MAC address by the user MAPT from 9th gen	RJ-45:10/100/1000 Mbits/s LAN WoL from S3 state WoL from S4 / S5 / G3 state depending on Fujitsu mobile client PXE launching for dedicated FJ mobile clients Set the MAC address by the user MAPT from 9th gen

**Keyboard and pointing devices**

Backlight keyboard w/o touchstick  
Number of keyboard keys: 85, Keyboard pitch: 19 mm, Keyboard stroke: 1.5 mm  
Multi gesture touchpad with integrated mouse button functionality  
Touch-screen  
Tablet Pen (AES), stored in pen garage

**Wireless technologies**

<b>Antennas</b>	2x dual band for WLAN, 2x for LTE, Bluetooth shared with WLAN
<b>Bluetooth</b>	v5.1
<b>Integrated WLAN</b>	Intel WiFi 6 AX201 with integrated BT
<b>WLAN encryption</b>	WPA/WPA2/WPA3 (Wi-Fi Protected Access)
<b>WLAN notes</b>	Import and usage according to country-specific regulations.
<b>Integrated LTE or UMTS</b>	LTE Sierra Wireless EM7421 (Cat 7) Fibocom L850-GL (Cat 9)
<b>LTE/UMTS/GPS notes</b>	Including GPS functionality Import and usage according to country-specific regulations. LTE Connection Manager (if configured with 4G/LTE)
<b>GPS</b>	Embedded in 4G module if configured with WWAN

**Power supply**

<b>AC Adapter</b>	19 V / 65 W (3.42 A), 100 V - 240 V, 50 Hz - 60 Hz
<b>AC adapter</b>	19 V / 65 W (3.42 A)#20 V / 65 W (3.25 A) Type C
<b>Notes</b>	65W AC Adapter for usage with system/ min. 90W AC Adapter for usage with Type C Port Replicator
<b>Rated voltage range</b>	100 V - 240 V (AC Input)
<b>Rated frequency range</b>	50 Hz - 60 Hz
<b>1st battery options</b>	Lithium polymer battery 4-cell, 50 Wh
<b>1st battery</b>	
<b>Battery features</b>	Quick Charge: 80% in 1h
<b>Runtime 1st battery</b>	tba
<b>Battery notes</b>	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**

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

<b>Dimensions (W x D x H)</b>	309 x 214.8 x 16.9 mm 12.18 x 8.41 x 0.62 inch
<b>Weight</b>	1,015 kg
<b>Weight (lbs)</b>	2,23 lbs
<b>Weight notes</b>	Weight may vary depending on actual configuration
<b>Operating ambient temperature</b>	5 - 35 °C (41 - 95 °F); Packed -10 - 60 °C (14 - 140 °F)

**Dimensions / Weight / Environmental**

Operating relative humidity	Running: 20 - 80% (relative humidity); Packed: 20 - 80% (relative humidity)
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**Compliance**

Product	LIFEBOOK U9311X
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Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>
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**Additional Software**

Additional software (preinstalled)	Adobe® Reader® (pdf reader) CyberLink YouCam (webcam software) Fujitsu Display Manager Fujitsu DeskUpdate (driver and utility tool) ShockSensor Utility Power Saving Utility Fujitsu Plugfree Network (network management utility) EasyGuide online user documentation Microsoft Office (1 month trial for new Microsoft® Office 365 customers. Buy Microsoft Office.)
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Additional software (optional)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD) optional CyberLink PowerDVD BD (playback software for Blu-ray Disc™) CyberLink PowerDVD DVD (playback software for DVD) CyberLink YouCam (webcam software) Nero (backup and burning software)
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**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 14.0 (depending on processor)
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Manageability software	DeskView Client DeskView Instant BIOS Management
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DeskView components	Inventory Management BIOS Management Driver Management Security Management Alarm Management
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Supported standards	WMI (Windows Management Instrumentation) PXE (Preboot Execution Environment) DMI (Desktop Management Interface) SMBIOS (System Management BIOS) WBEM (Web Based Enterprise Management) CIM (Common Information Model) BootP (made4you)
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Manageability link	<a href="http://www.fujitsu.com/fts/manageability">http://www.fujitsu.com/fts/manageability</a>
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**Security**

Physical Security	Kensington Lock support	Kensington Lock support
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System and BIOS Security	Absolute Persistence® technology capable BIOS EraseDisk (optional) Optional: Trusted Platform Module (TPM 2.0)	Absolute Persistence® technology capable BIOS EraseDisk (optional) Optional: Trusted Platform Module (TPM 2.0)
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User Security	Hard disk password User and supervisor BIOS password Workplace Protect (secure authentication solution) Embedded fingerprint sensor (optional) Embedded PalmSecure™ sensor (optional) Smartcard reader (integrated)	Hard disk password User and supervisor BIOS password Workplace Protect (secure authentication solution) Embedded fingerprint sensor (optional) Embedded PalmSecure™ sensor (optional) Smartcard reader (integrated)
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**Packaging information**

**Warranty**

Warranty period	2 years (for countries within EMEA)
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>
<b>Product Support Services - the perfect extension</b>	
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

**Thunderbolt™ 4 Port Replicator**

One cable, many capabilities - Connect, save space, and keep your desk tidy. With Thunderbolt™ 4 you can connect almost everything with only one cable and in highspeed. Enhance your USB connection options, connect your displays via Thunderbolt™ 4, HDMI, DisplayPort and charge your device without an additional charger. Thunderbolt™ 4 allows you to connect even highspeed devices in a most convenient way. (Coming in July, 2021)  
Weight: 440 g, Dimensions: 239 x 80 x 26 mm, including 170W AC adapter and TBT cable

Order Code:  
FPCPR401BP

**Car Adapter USB-C-QC**

One Car Adapter fits all.  
Independent of your mobile device charging method this car adapter will fulfill all major requirements and standards for fast charging vendorbrand-independent notebooks and all mobile devices. The Car Adapter USB-C-QC supports USB PD with PPS, Quick Charge (QC), Apple- and Samsung charge.

Order Code:  
S26391-F2613-L630

## More information

### Fujitsu products, solutions & services

In addition to FUJITSU Tablet LIFEBOOK U9311X, 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 Tablet LIFEBOOK U9311X, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
<https://www.fujitsu.com/emeia/products/computing/pc/tablets>

### 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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2021-01-27 EM-EN

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