FUJITSU

Fujitsu recommends Windows 11 Pro.

Data Sheet
Fujitsu Tablet LIFEBOOK U9312X

World's Lightest Convertible With A Pen

Available in red and black, the Fujitsu LIFEBOOK U9312X is an attractively slim and lightweight 360-degree convertible. All-day battery runtime and global LTE ensure highest productivity in any place. Enterprise-grade security such as the integrated PalmSecure™ sensor, powerful performance and utmost connectivity via Intel® Thunderbolt™ 4 ensure 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
- Weighing just 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.
- Privacy Camera Shutter to keep external eyes away
- PalmSecure™ as your personal biometrical key
- Fingerprint & Full HD IR Camera supporting Windows Hello
- SmartCard reader
- 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
- 13.3 inch FHD anti-glare touch display supporting pen input
- Pen garage with inductive charging function
- 5 MP rear camera

Convenient mobility supporting usage on the go
Highest productivity on business trips without empty batteries or waste of time
- New advanced battery with improved runtime that extents your mobile working sessions
- Anytime USB charging functionality for your peripheral devices, even when system is turned off
- Always connected and instantly ready

intel vPRO i7   intel iRISxe GRAPHICS   HDMI   TCO CERTIFIED   epeat GOLD

Components

Base unit	LIFEBOOK U9312X black	LIFEBOOK U9312X red
Operating systems		
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	Windows 11 Pro. Fujitsu recommends Windows 11 Pro for business. Windows 11 Home	
Microsoft OS support information	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=	
Operating system notes	The use of Windows Operating System is subject to acceptance of the End User License Agreement of Microsoft as applicable under the relevant Microsoft program.	
Processor	Intel Core i7-1265U/32GB vPro (10 Cores, up to 4.8 GHz)	
	Intel Core i7-1265U/16GB vPro (10 Cores, up to 4.8 GHz)	
	Intel® Core™ i5-1245U processor (10 Cores, up to 4.4 GHz)	
	Intel® Core™ i5-1235U processor (10 Cores, up to 4.4 GHz) *	
	* Processor only for retail, SMB, education and government	
Memory	8 GB onboard memory LPDDR4 16 GB onboard memory LPDDR4 32 GB onboard memory LPDDR4	
	No DIMM	
LCD Display	13.3" Full-HD (1920x1080) AG Touch	
Bluetooth	V5.3 is hardware ready, but may run at lower version due to OS limitation	
Hard disk drives (internal)	PCIe-SSD, 512 GB M.2 NVMe module, SED	
	PCIe-SSD, 256 GB M.2 NVMe module, SED	
	PCIe-SSD, 2 TB M.2 NVMe module, SED	
	PCIe-SSD, 1 TB M.2 NVMe module, SED	
Hard disk notes	Accessible capacity may vary, also depending on used software.	
Interface add on cards/components (optional)		
4G/ LTE (optional)	Quectel EM120R-GL (4G Cat.12) (Downlink speed 600 MB/s, Uplink speed 150 MB/s)	
Display	33.8 cm (13.3-inch), IPS, FHD, 1,920 x 1,080 pixel, Anti-glare touchscreen, 400 cd/m², 1500:1	
Multimedia		
Camera	Front: IR Cam (2 MP) with LED, supporting Windows Hello Out camera: 5 MP with autofocus on top of C cover	

Base unit

Base unit	LIFEBOOK U9312X black	LIFEBOOK U9312X red
General system information		
Chipset	Integrated in CPU	

General system information

Supported capacity RAM (min.)	8 GB	
Supported capacity RAM (max.)	32 GB	
Memory slots	LPDDR4	
Memory notes	8 GB / 16 GB / 32 GB onboard LPDDR4x (4,266 MHz) Dual channel support	
LAN	10/100/1,000 MBit/s Intel® I219LM	
LAN notes	Intel vPro support	
Integrated WLAN	Intel Wi-Fi 6E AX211 & BT5.2 vPro, SRD Cat. 2	
BIOS version	UEFI Specification 2.8	
BIOS features	InsydeH2O BIOS	
Audio type	On board	
Audio codec	Realtek ALC257	
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.	
Color	Black	Red
Material	Magnesium	Magnesium

Display

Diagonal Size	33.8 cm (13.3-inch)	
Display Technology	IPS	
Display type	Anti-glare touchscreen	
Display Resolution type	FHD	
Resolution (native)	1,920 x 1,080 pixel	
Aspect ratio	16:9	
Brightness - typical	400 cd/m²	
Contrast - typical	1500:1	
Viewing angle (h/v) - typical	178°/178°	
Display notes	Wide-view high-bright LED display (for enhanced outdoor viewing). With magnesium display lid.	
Sensors	3-axis Accelerometer Gyroscope Magnetic Field Sensor Compass	
Digitizer / Touch Technology	Wacom Digitizer for pen (AES) input plus capacitive 10 finger multi-touch screen	
Pen	AES 4k pressure level Pen garage inductive charging	

Graphics

Base unit	LIFEBOOK U9312X black	LIFEBOOK U9312X red
TFT resolution (HDMI)	up to 4,096 x 2,160 @ 60 Hz	up to 4,096 x 2,160 @ 60 Hz
Graphics brand name	Intel® Iris® Xe Graphics (with Dual channel memory)	Intel® Iris® Xe Graphics (with Dual channel memory)
Graphics features	4 Display Support (3 external, 1 internal) HDCP support DirectX® 12 OpenGL® 4.5	4 Display Support (3 external, 1 internal) HDCP support DirectX® 12 OpenGL® 4.5
Graphics notes	Shared memory depending on main memory size and operating system 3D accelerator	

Interfaces

DC-in	1	1
Audio: line-out / headphone	1 (combo port with audio line-in)	1 (combo port with audio line-in)
Audio: line-in / microphone	1 (combo port with Audio line-out)	1 (combo port with Audio line-out)

Interfaces

Internal microphones	2 x digital array microphones	2x digital array microphones
USB 3.2 Gen1 (5 Gbps) total	2 x Type-A (1 with Anytime USB charging functionality)	2x Type-A (1 with Anytime USB charging functionality)
USB 4.0 Gen3 (20 Gbps) total	2 x Type-C Intel® Thunderbolt™4 (with Power Delivery functionality)	2 x Type-C Intel® Thunderbolt™4 (with Power Delivery functionality)
USB Type-C	USB 4 Gen3 Thunderbolt™4, Power Delivery (15W), DP 1.4	USB 4 Gen3 Thunderbolt™4, Power Delivery (15W), DP 1.4
HDMI	1 v2.0	1 v2.0
Ethernet (RJ-45)	1	1
Memory card slots	1 (USH-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 (USH-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)
SmartCard slot	1	1
SIM card slot	1 (Nano-SIM, only for models with integrated 4G/LTE module)	1 (Nano-SIM, only for models with integrated 4G/LTE module)
eSIM card	eSIM supported - integrated in 4G/LTE Module	eSIM supported - integrated in 4G/LTE Module
Docking connector for Port Replicator	USB Type-C	USB Type-C
Kensington Lock support	1	1

Port Replicator interfaces (optional)

	USB Type-C PR	Thunderbolt™ 4 PR	Thunderbolt™ 4 PR
DC-in	1 (19V/90W required)	1 (20V/170W required)	1 (20V/170W required)
Power on switch	1	1	1
Audio: line-in / line-out	1	1	1
Audio: comments	Combo jack for headset usage	Combo jack for headset usage	Combo jack for headset usage
USB 3.2 Gen1 (5 Gbps) total	3x Type-A - 5V/0.9A, 4.5W 1x Type-C - 15W	---	---
USB 3.2 Gen2 (10 Gbps) total	---	2x Type-A - 5 V/0.9 A, 4.5 W 1x Type-A - 5 V/2.4 A, 12 W 2x Type-C - 5 V/1.5 A, 4.5 W charging port	2x Type-A - 5 V/0.9 A, 4.5 W 1x Type-A - 5 V/2.4 A, 12 W 2x Type-C - 5 V/1.5 A, 4.5 W charging port
USB 4.0 Gen3 (20 Gbps) total	---	1x Type-C - TBT4 up to 60 W (PD v2.0-1.1), 5-20 V/3. 0A upstream (PC), Intel AMT support (vPRO) to client 1x Type-C - TBT4 up to 15 W (PD v2.0-1.1), 5 V/3.0 A downstream, power output to peripheral	1x Type-C - TBT4 up to 60 W (PD v2.0-1.1), 5-20 V/3. 0A upstream (PC), Intel AMT support (vPRO) to client 1x Type-C - TBT4 up to 15 W (PD v2.0-1.1), 5 V/3.0 A downstream, power output to peripheral
DisplayPort	1x v1.2	2x v1.4++	2x v1.4++
VGA	1	---	---
HDMI text	1 -Supports 4k@60Hz as specified in HDMI 2.0b	1 - supports 4k@60Hz as specified in HDMI 2.0b	1 - Supports 4k@60Hz as specified in HDMI 2.0b
Interface Notes	1x USB Type-C to Client - Up to 60 W (PD v2.0-1.1) power output to client or 4.5W input	1x USB Type-C to Client - Thunderbolt™ 4 up to 60 W (PD v2.0-1.1), 5-20V/3.0A upstream (PC), Intel AMT support (vPRO)	1x USB Type-C to Client - Thunderbolt™ 4 up to 60 W (PD v2.0-1.1), 5-20V/3.0A upstream (PC), Intel AMT support (vPRO)
Kensington Lock support	no	1	1
Ethernet (RJ-45)	1 (10/100/1000)	1 (10/100/1000 Mbit/s, 2,5 Gbps)	1 (10/100/1000 Mbit/s, 2,5 Gbps)
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.		

Keyboard and pointing devices

	Backlit 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 Touchscreen Tablet Pen (AES), stored in pen garage

Wireless technologies

Antennas	2x dual band for WLAN, 2x for LTE, Bluetooth shared with WLAN
Bluetooth	V5.3 is hardware ready, but may run at lower version due to OS limitation
Integrated WLAN	Intel Wi-Fi 6E AX211 & BT5.2 vPro, SRD Cat. 2
WLAN encryption	WPA/WPA2/WPA3 (Wi-Fi Protected Access)
WLAN notes	WiFi 6E is supported by Windows 11 OS only - Windows 10 OS supports WiFi 6 only. Import and usage according to country-specific regulations.
Integrated WWAN	LTE Quectel EM120R-GL (Cat 12) - UMTS,LTE
WWAN notes	Including GPS functionality Import and usage according to country-specific regulations. LTE Connection Manager (if configured with 4G/LTE)
GPS	Embedded in 4G module if configured with WWAN

Power supply

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	20 V / 65 W (3.25 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) Type-C AC-Adapter slim&light
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	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	19 V / 65 W (3.42 A) 20 V / 65 W (3.25 A) Type C	19 V / 65 W (3.42 A) 20 V / 65 W (3.25 A) Type C
Notes	65W AC adapter for usage with system/ min. 90W AC Adapter for usage with Port Replicator	
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	Lithium polymer battery 4-cell, 64 Wh	Lithium polymer battery 4-cell, 64 Wh
Battery features	Quick Charge: 80% in 1h	Quick Charge: 80% in 1h
Runtime 1st battery	up to 11 h	up to 11 h
Battery notes	Battery runtime information is based on worldwide acknowledged BAPCo® MobileMark® 2018. Refer to www.bapco.com 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.	

Dimensions / Weight / Environmental

Dimensions (W x D x H)	309 x 214.8 x 16.9 mm 12.18 x 8.41 x 0.62 inch
Weight	1,015 kg
Weight (lbs)	2,23 lbs
Weight notes	Weight may vary depending on actual configuration
Operating ambient temperature	5 - 35 °C (41 - 95 °F); Packed -10 - 60 °C (14 - 140 °F)
Operating relative humidity	Running: 20 - 80% (relative humidity); Packed: 20 - 80% (relative humidity)
Product	LIFEBOOK U9312X
Germany	GS
Europe	CE CB
Global	TCO Certified 9.0 ENERGY STAR® 8.0 EPEAT® Gold (dedicated regions)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates

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.)
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)
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

Manageability technology	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) WoL (Wake on LAN) Intel® vPro™ technology iAMT 15.0 (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) WBEM (Web Based Enterprise Management) CIM (Common Information Model) BootP (made4you)
Manageability link	https://www.fujitsu.com/global/products/computing/pc/manageability/

Security

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

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 information

Warranty

Warranty period	2 years (for countries within EMEIA)
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

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
PLEVIER TACAN 14		The Plevier Tacan 14 leather notebook bag provides a diverse range of features to optimize your carrier needs. With a shoulder strap, fast access pocket on the rear side and two compartments for your device and additional accessories, the bag provides multifunctional and protective space for your belongings. Its brown leather design creates a sleek finish to create a carrier that is high quality in both functionality and appearance.	Order Code: S26391-F1193-L64
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

More information

Fujitsu products, solutions & services

In addition to Fujitsu Tablet LIFEBOOK U9312X, 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 Fujitsu Tablet LIFEBOOK U9312X, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
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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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.