FUJITSU

Fujitsu recommends Windows 11 Pro.

Data Sheet
Fujitsu Notebook LIFEBOOK U9312

Your Light and Elegant Travel Companion

Are you looking for a slim, breathtaking notebook for frequent business trips? Available in red and black, the ultra-mobile Fujitsu LIFEBOOK U9312 weighs only 885 g. Enterprise-grade security features such as PalmSecure™ keeps your business data protected from unauthorized access. Powerful performance and the embedded 5G or LTE offer you the best-in-class user experience.

Ultra-Slim and lightweight design
Extraordinarily lightweight design for business professionals who are always on the move
- A remarkably slim 15.5 mm notebook weighing only 885 g with a minimalist style in a magnesium housing
- Appealing ultra-slim notebook with backlit keyboard available in red or black color
- The best viewing experience is guaranteed by an anti-glare 13.3-inch FHD (1920 x 1080) display, with optional touch or non-touch screen
- Durability is Military Standard MIL-STD-810H tested

Maximum security
Protect your notebook and business data from unauthorized access at all times
- Integrated PalmSecure™ or fingerprint sensor
- HD Infrared Camera allows face recognition with Windows Hello
- Ultra-tiny Privacy Camera Shutter
- Kensington Lock support
- SmartCard reader and TPM 2.0

Convenient mobility on the go
Highest productivity on business trips
- All-day battery runtime offers you the exceptional mobility that you need when on the move
- Anytime USB Charge functionality to charge telephones and other media devices, even when the system is turned off
- Powerful performance, thanks to integrated SSDs, helping to process data faster

Excellent connectivity
Be flexible and stay productive in a hyper-connected world
- Compact and versatile Intel® Thunderbolt™ 4 connector to charge your laptop, transfer files at fast speeds, connect external monitors and other peripherals
- Full set of interfaces with a full-sized HDMI, full-sized Flap-style LAN connector
- WLAN, Bluetooth and 5G or LTE (CAT 12)

Components

Base unit	LIFEBOOK U9312 black	LIFEBOOK U9312 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.	
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 processor (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	
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. One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Up to 20 GB of HDD space is reserved for system recovery Durability in accordance with the manufacturer's indications on read and write cycles.	
Interface add on cards/components (optional)		
4G/5G (optional)	Fibocom FM350-GL (5G Sub-6/Cat.19) (Downlink speed 5G - 3740 MB/s, 4G - 1600 MB/s, Uplink speed 5G - 835 MB/s, 4G - 211 MB/s)	
	Quectel EM120R-GL (4G Cat.12) (Downlink speed 600 MB/s, Uplink speed 150 MB/s)	
Display	33.8 cm (13.3-inch), LED backlight, FHD, 1,920 x 1,080 pixel, Anti-glare IPS display, 400 cd/m², 1000:1	
	33.8 cm (13.3-inch), IPS, FHD, 1,920 x 1,080 pixel, Anti-glare multi-touch, 350 cd/m², 1500:1	
Multimedia		
Camera	Optional: Built-in HD webcam	

Base unit

Base unit	LIFEBOOK U9312 black	LIFEBOOK U9312 red

General system information

Chipset	Integrated in CPU	
Supported capacity RAM (min.)	8 GB	
Supported capacity RAM (max.)	32 GB	
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	
Integrated WLAN	Intel Wi-Fi 6E AX211 - WLAN, BT, SRD cat. 2	
BIOS version	UEFI Specification 2.8	
BIOS features	InsydeH2O BIOS	
Audio type	On board	
Audio codec	Realtek ALC257	
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	Black	Red
Material	Magnesium	Magnesium

Display

Diagonal Size	33.8 cm (13.3-inch)	
Resolution (native)	1,920 x 1,080 pixel	

Graphics

Base unit	LIFEBOOK U9312 black	LIFEBOOK U9312 red
Graphics brand name	Intel® Iris® Xe Graphics	Intel® Iris® Xe Graphics
Graphics notes	Shared memory depending on main memory size and operating system	

Interfaces

Audio: line-out / headphone	1 (combo port with Audio line-in)	1 (combo port with Audio line-in)
Internal microphones	2x digital array microphones (optional)	2x digital array microphones (optional)
USB 3.2 Gen1 (5 Gbps) total	2x Type-A (1 with Anytime USB charge functionality)	2x 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	2x Type-C Intel® Thunderbolt™ 4 (40 Gbps), Power Delivery (15W), DP out
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 Supports 4k@60Hz as specified in HDMI 2.0	1 Supports 4k@60Hz as specified in HDMI 2.0
Ethernet (RJ-45)	1	1
Memory card slots	1 SD 4.0 Standard SD/microSD card SDHC/microSDHC card SDXC/microSDXC card Speed Class: up to UHS-II	1 SD 4.0 Standard SD/microSD card SDHC/microSDHC card SDXC/microSDXC card Speed Class: up to UHS-II
SmartCard slot	1 (optional)	1 (optional)
SIM card slot	1 (Nano-SIM, only for models with configuration WWAN ready or with 4G/5G LTE modules)	1 (Nano-SIM, only for models with configuration WWAN ready or with 4G/5G LTE modules)
eSIM card	eSIM supported - integrated in 4G/5G LTE Module	eSIM supported - integrated in 4G/5G LTE Module
Docking connector for Port Replicator	USB Type-C Portreplicator	USB Type-C Portreplicator
Kensington Lock support	1	1

Port Replicator interfaces (optional)

	USB Type-C PR	Thunderbolt™ 4 PR
DC-in	1 (19V/90W required)	1 (20V/170W required)
Power on switch	1	1
Audio: comments	1 Combo jack for headset usage	1 Combo jack for headset usage
DisplayPort	1x V1.2	2x V1.4++
VGA	1	---

Port Replicator interfaces (optional)

HDMI text	1	V 2.0b
Interface Notes	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 - 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
Kensington Lock support	no	1
Ethernet (RJ-45)	1	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 two mouse buttons

Wireless technologies

Antennas	2 Dual band WLAN antennas, 2+2 LTE antennas optional
Bluetooth	v5.2
Integrated WLAN	Intel Wi-Fi 6E AX211 - WLAN, BT, 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	(5G) LTE Fibocom FM350-GL (Sub-6/Cat.19) - UMTS,LTE,5G (4G) LTE Quectel EM120R-GL (Cat.12) - UMTS,LTE
WWAN notes	Optional
GPS	Embedded in 4G/5G 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
Notes	65W AC adapter for usage with system/ min. 90W AC Adapter for usage with Port Replicator	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, 4,196 mAh	Lithium polymer battery 4-cell, 64 Wh, 4,196 mAh
Battery features	Fast Charge: Up to 80% in 1h	Fast Charge: Up to 80% in 1h
Runtime 1st battery	up to 12h 34min	up to 12h 34min
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.	

Noise emission

Noise emission	Please refer to the Eco Declaration

Dimensions / Weight / Environmental

Dimensions (W x D x H)	307 x 197 x 15.5 mm
	12.09 x 7.76 x 0.61 inch
Weight	starting at 885 g
Weight (lbs)	starting at 1.95 lbs
Weight notes	Weight may vary depending on actual configuration
Operating ambient temperature	5 - 35 °C (41 - 95 °F)
Operating relative humidity	20 - 80 %

Compliance

Product	LIFEBOOK U9312
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)	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)	Microsoft Office (need to buy license to activate the pre-installed Microsoft Office) Drivers & Utilities DVD (DUDVD) Recovery DVD for Windows®
Additional software (notes)	Use of accopanying 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	Intel® vPro™ technology/iAMT (depending on processor) PXE Boot code Wake-on-LAN
Manageability software	DeskView Client DeskView Instant BIOS 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	http://www.fujitsu.com/fts/manageability
Physical Security	Kensington Lock support
System and BIOS Security	User and supervisor BIOS password EraseDisk Optional: Trusted Platform Module (TPM 2.0)
User Security	Access protection via external SmartCard reader (optional) Hard disk password AuthConductor Client Basic (secure authentication solution) Embedded PalmSecure® sensor (optional) Embedded fingerprint sensor (optional)	Access protection via internal SmartCard reader (optional) Hard disk password AuthConductor Client Basic (secure authentication solution) Embedded PalmSecure® sensor (optional) Embedded fingerprint sensor (optional)
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.	

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

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

Thunderbolt™ 4 Port Replicator	First Thunderbolt™ Port Replicator on the market providing enhanced security and full support of Intel® AMT (vPro®). The universal port can easily connect almost everything with a single cable and high speed-data transfer. This smart workspace solution keeps your desk clean and tidy.	Order Code: FPCPR401BP
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
Workplace Connect Kit 2.0	This one-stop shop solution provides customers with a clean and efficient working area in a desktop environment. The Fujitsu Workplace Connect Kit 2.0 eliminates the clutter and limited space associated with excessive computer wires to create a clean, tidy and efficient workplace. It is extremely easy to install, use and maintain giving you maximum usability.	Order Code: BDL:F6055L720-DE
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
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
Prestige Case Mini 13 (2021)	The Prestige Case Mini 13 protects notebooks with up to 13-inch screens. One main compartment has a notebook and a tablet pocket. You find two more useful compartments at the front. One with a red inlay is for accessories or power cable. An additional front compartment is for smaller things.	Order Code: S26391-F1120-L151

PLEVIER MANASSE 14	The Plevier Manasse 14 leather case is a compact and classic carrier for on the go. Available for notebooks up to 14 inches with a padded compartment, the sleeve ensures protection for your device while providing a sleek and subtle design in a black leather nappa shade.	Order Code: S26391-F1193-L62
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 Notebook Mouse WI660	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.	Order Code: S26381-K471-L100

More information

Fujitsu products, solutions & services

In addition to Fujitsu Notebook LIFEBOOK U9312, 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 Notebook LIFEBOOK U9312, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
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.