

Fujitsu recommends Windows 11 Pro.

Data Sheet

Fujitsu Notebook LIFEBOOK U7311

Ultra-Mobile Meets Ultra Secure

The FUJITSU Notebook LIFEBOOK U7311, based on the 11th generation Intel® Core™ processor, is a slim and stylish ultra-mobile notebook for business professionals. With its 13.3-inch screen, light weight of 1.17 kg, Intel® Thunderbolt™ 4 ports, it provides excellent mobility and portability. Ergonomic viewing is guaranteed along with outstanding security with the PalmSecure™ or finger print sensor.

Elegant design and mobility

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

- Thanks to the complete magnesium housing, the weight of the remarkably slim 19.2 mm ultra-mobile notebook starts at 1.17 kg.
- Enjoy the Intel® Iris® Xe Graphics with an HD or FHD display on an outdoor-friendly anti-glare, FHD touch panel option.

Excellent security for your business

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

- Integrated PalmSecure™ or finger print sensor
- Infrared Camera: Allows face recognition with Windows Hello
- ePrivacy Filter: Keep safe from prying eyes
- 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 VGA port and USB Type-C

Convenient upgradeability

Direct access to key components reduces upgrade time and costs

- Battery, memory and internal storage can be changed easily

Family concept

Shared family port replicator with the LIFEBOOK E5 Series ensures ultimate flexibility and shared workplace concepts

- Reduce your acquisition costs as well as the complexity of your IT equipment



Components

Base unit	LIFEBOOK U7311
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	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™ i7-1185G7 processor (4 Cores / 8 Threads)
	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
Memory modules	
	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
Hard disk drives (internal)	
	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.
Interface add on cards/components (optional)	
3G/4G (optional)	LTE Sierra Wireless EM7421 (Cat.7) (Downlink speed up to 300 Mbit/s, Uplink speed up to 150 Mbit/s) LTE Fibocom L850-GL (Cat.9) (Downlink speed up to 450 Mbit/s, Uplink speed up to 50 Mbit/s)
Display	
	33.8 cm (13.3-inch), HD, 1,366 x 768 pixel, Anti-glare display, 250 cd/m ² , 500:1
	33.8 cm (13.3-inch), FHD, 1,920 x 1,080 pixel, Anti-glare IPS touchscreen, 300 cd/m ² , 800:1
	33.8 cm (13.3-inch), FHD, 1,920 x 1,080 pixel, Anti-glare IPS display, 300 cd/m ² , 800:1
	33.8 cm (13.3-inch), FHD, 1,920 x 1,080 pixel, Anti-glare ePrivacyFilter, 400 cd/m ² , 1000:1
Multimedia	
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 U7311		
General system information			
Chipset	Integrated		
Built-in memory	8 GB		
Supported capacity RAM (min.)	8 GB		
Supported capacity RAM (max.)	40 GB		
Memory slots	1 SO DIMM (DDR4, 3200 MHz)		
Memory notes	Dual channel support		
LAN	Built-in 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	Black		
Material	Magnesium		
Display			
Display notes	HD - Viewing angle: Left/Right 45°, Top 20°, Bottom 40°; Color Gamut: 45% NTSC FHD - Viewing angle: Left/Right 85°, Top 85°, Bottom 85°; Color Gamut: 72% NTSC		
Graphics			
Base unit	LIFEBOOK U7311		
TFT resolution (HDMI)	Up to 4,096 x 2,160 @ 60 Hz		
TFT resolution (VGA)	up to 1,920 x 1,200		
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			
DC-in	1		
Audio: line-in / line-out	1		
Internal microphones	2x digital array microphones (optional)		
USB 3.2 Gen1 (5 Gbps) total	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		
VGA	1		
HDMI	1 v2.0b		
Ethernet (RJ-45)	1 (with status LED)		
Memory card slots	1 SD 3.0 Standard SD/microSD card: 2GB SDHC/microSDHC card: 32GB SDXC/microSDXC card: 2TB Speed Class: up to UHS-I (104MB/s)		
SmartCard slot	1 (optional)		
SIM card slot	1 (Nano-SIM, only for models with integrated 4G/LTE module)		
Docking connector for Port Replicator	1		
Kensington Lock support	1		
Port Replicator interfaces (optional)			
	Thunderbolt™ 4 PR	Model: NPR46 (mech. PR)	USB Type-C PR
DC-in	1 (20V/170W required)	1 (19V/90W required)	1 (19V/90W required)

Port Replicator interfaces (optional)

Power on switch	1	1	1
Audio: headphone	---	1	---
Audio: microphone	---	1	---
Audio: comments	1 Combo jack for headset usage	---	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
VGA	---	1 (up to 1920x1200 60Hz)	1
DVI	---	1 (up to 1920x1200 60Hz)	---
HDMI text	V 2.0b	---	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	---	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 (Portrep only, Portrep option with key lock to secure Portrep & System)	no
Ethernet (RJ-45)	1 (10/100/1000 Mbit/s, 2,5 Gbps)	---	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

Keyboard w/o touchstick (spill-resistant), Keyboard w/ touchstick, Backlit keyboard w/o touchstick
Number of keyboard keys: 85, Keyboard pitch: 19 mm, Keyboard stroke: 1.7 mm
Multi gesture touchpad with two mouse buttons

Wireless technologies

Antennas	2 Dual band WLAN antennas, 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 Fibocom L850-GL (cat.9) - UMTS,LTE
LTE/UMTS/GPS notes	Optional
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 standard
AC Adapter	19 V / 65 W (3.42 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) slim and light AC-Adapter
AC Adapter	19 V / 90 W (4.74 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) DC-in AC-Adapter (for PR)
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
Notes	65W AC Adapter for usage with system/ 90W AC Adapter for usage with Port Replicator
1st battery	Lithium polymer battery 4-cell, 60 Wh, 4,170 mAh
Battery features	Quick Charge: 80% in 1h
Runtime 1st battery	10 h 26 min

Power supply

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.
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Noise emission

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

Dimensions (W x D x H)	311.4 x 216.8 x 19.2mm (non-touch and touch) mm 12.26 x 8.54 x 0.76 (non-touch and touch) inch
Weight	1.17 kg
Weight (lbs)	2.58 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 U7311
Model	7U13A2
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 (depending on configuration) EPEAT® Silver (dedicated regions), depending on configuration ENERGY STAR® 8.0 MIL-STD-810H tested
India	BIS
Russia	EAC
China	CCC (planned)
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)	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	https://www.fujitsu.com/global/products/computing/pc/manageability/

Security

Physical Security	Kensington Lock support
System and BIOS Security	EraseDisk Trusted Platform Module (TPM 2.0)
User Security	Embedded PalmSecure™ sensor (optional) Embedded fingerprint sensor (optional) Access protection via internal SmartCard reader (optional) Hard disk password User and supervisor BIOS 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.

Warranty

Warranty period	2 years (for countries within EMEA)
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

Port Replicator for LIFEBOOK U7 and E5 family with key lock (2020)



Flexibility, expandability, desktop replacement, investment protection – to name just a few benefits of Fujitsu's docking options.

Order Code:
S26391-F1607-L219

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 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 60 Wh		The 4 cell 60 Wh battery requires a voltage of 14.4 V and has a capacity of 4170 mAh. The weight of the battery is 342 gms and the recharge time of the cell is 60 minutes for a 80% charge and 150 minutes for a complete 100% charge.	Order Code: S26391-F3356-L100
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
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 U7311, 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 U7311, 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.

Contact

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