

Fujitsu recommends Windows 10 Pro for business.

# Data Sheet

## FUJITSU Notebook LIFEBOOK U7310

### Ultra-Mobile Meets Ultra Secure

The new FUJITSU Notebook LIFEBOOK U7310, based on the 10th generation Intel® Core™ processor is a slim, light and stylish ultra-mobile notebook for business professionals. With its 13.3-inch screen, light weight of 1.17 kg, Intel® Thunderbolt™ ports, it provides excellent mobility and portability. Ergonomic viewing is guaranteed along with outstanding security with the integrated PalmSecure™ or finger print sensor. The common port replicator facilitates workplace sharing within today's modern workstyle.

#### Elegant design and mobility

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

- A remarkably slim 19 mm ultra-mobile notebook starting from 1.17 kg, HD or FHD display, anti-glare, FHD touch panel option, magnesium housing and optional backlit keyboard

#### 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
- ePrivacy Filter: Keep safe from prying eyes
- Infrared Camera: Allows face recognition with Windows Hello
- Built-in Webcam 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™ 3 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
- Embedded 4G and eSIM card ready

#### Convenient upgradeability

Direct access to key components reduces upgrade time and costs

- Battery, memory and internal storage can be changed easily

#### Family concept

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

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



# Components

Base unit	LIFEBOOK U7310
<b>Operating systems</b>	
Operating system pre-installed	Windows 10 Pro. Fujitsu recommends Windows 10 Pro for business. Windows 10 Home
Operating system notes	Windows 10 Support: After the end of the product life FUJITSU will continue to test and support all upcoming Windows 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> .
<b>Processor</b>	
	Intel® Core™ i7-10610U processor (4 Cores / 8 Threads, 1.8 GHz, up to 4.9 GHz)
	Intel® Core™ i7-10510U processor (4 Cores / 8 Threads, 1.8 GHz, up to 4.9 GHz) *
	Intel® Core™ i5-10310U processor (4 Cores / 8 Threads, 1.7 GHz, up to 4.4 GHz)
	Intel® Core™ i5-10210U processor (4 Cores / 8 Threads, 1.6 GHz, up to 4.2 GHz) *
	Intel® Core™ i3-10110U processor (2 Cores / 4 Threads, 2.1 GHz, up to 4.1 GHz) *
	*Processor only for retail, SMB, education and government
<b>LCD Display</b>	
	Optional ePrivacy Filter
<b>Memory modules</b>	
	4 GB (1 module(s) 4 GB) DDR4, , SO DIMM
	8 GB (1 module(s) 8 GB) DDR4, , SO DIMM
	16 GB (1 module(s) 16 GB) DDR4, , SO DIMM
	32 GB (1 module(s) 32 GB) DDR4, , 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, 32 GB Optane + 512 GB 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.
<b>Interface add on cards/components (optional)</b>	
3G/4G (optional)	LTE Sierra Wireless EM7455 (Cat.6) (Downlink speed up to 300 Mbit/s, Uplink speed up to 50 Mbit/s) LTE Fibocom L850-GL (Cat.9) (Downlink speed up to 450 Mbit/s, Uplink speed up to 50 Mbit/s)
<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 U7310
<b>General system information</b>	
Chipset	Integrated
Built-in memory	8 GB
Supported capacity RAM (min.)	8 GB
Supported capacity RAM (max.)	40 GB

**General system information**

Memory slots	1 SO DIMM (DDR4, 2666 MHz)
Memory notes	Dual channel support
LAN	Built-in 10/100/1,000 MBit/s Intel® I219LM
Integrated WLAN	Intel WiFi 6 AX201
BIOS version	UEFI Specification 2.7
BIOS features	InsydeH2O BIOS
Audio type	On board
Audio codec	Realtek ALC255 with MaxxAudio
Audio features	2x built-in speakers (stereo)

**Display**

Display notes	ISO 9241-307 - Pixel class II HD - Viewing angle: Left/Right 45°, Top 20°, Bottom 40°; Color Gamut: 45% FHD - Viewing angle: Left/Right 85°, Top 85°, Bottom 85°; Color Gamut: 72%
Brightness - typical	HD - 250cd/m <sup>2</sup> , FHD - 300 cd/m <sup>2</sup> , Touch - 300 cd/m <sup>2</sup> , ePrivacy - 400 cd/m <sup>2</sup>
Contrast - typical	HD - 500:1, FHD - 700:1, Touch - 800:1, ePrivacy - 1000:1

**Graphics**

Base unit	LIFEBOOK U7310
TFT resolution (HDMI)	up to 3,840 x 2,160 @ 30 Hz
TFT resolution (VGA)	up to 1,920 x 1,200
TFT resolution (DVI on Port Replicator)	up to 1,920 x 1,200
TFT resolution (DisplayPort on Port Replicator)	up to 4,096 x 2,160 @ 60Hz
Graphics brand name	Intel® UHD Graphics
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-out / headphone	1 (combo port with Audio line-in)
Audio: line-in / microphone	1 (combo port with Audio line-out)
Internal microphones	2x digital array microphones (optional)
USB 3.2 Gen 1 (5 Gbps) total	2x Type-A (1 with Anytime USB charge functionality)
USB 3.2 Gen 2 (10 Gbps) total	1x Type-C Intel® Thunderbolt™ 3 (with Power Delivery functionality)
USB Type-C	USB 3.2 Gen.2 (10 Gbps), Intel® Thunderbolt™ 3 (20/40Gbps), Power Delivery (15W), DP out
VGA	1
DisplayPort	1 (via USB Type-C adapter) - v1.2
HDMI	1 v1.4
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 (Micro-SIM, only for models with integrated 4G/LTE module)
eSIM card	supported

**Port Replicator interfaces (optional)**

	Model: NPR46 (mech. PR)	Model: Thunderbolt 3 PR
DC-in	1 (19V)	1 (19V)
Power on switch	1	1

**Port Replicator interfaces (optional)**

Audio: headphone	1	---
Audio: microphone	1	---
Audio: comments	---	Combo jack for headset usage
USB 3.1 Gen1 (USB 3.0) total	4x Type-A 2x Type-C	---
USB 3.1 Gen2 total	---	1x USB3.1 Gen.2 Type A - 5V, 2,4A, 4,5W charging port 2x USB3.1 Gen.2 Type A - 5V, 09A, 4,5W charging ports 2x USB3.1 Gen.2 Type C - 5V, 1,5A, 15W charging port 1x USB3.1 Gen.2 Type C - TBT3 up to 60 W (PD v2.0-1.1), 5-20V, 3.0A upstream (PC) 1x USB3.1 Gen.2 Type C - TBT3 up to 15 W (PD v2.0-1.1), 5V, 3.0A downstream 4.5W power output to client
USB 3.2 Gen 1 (5 Gbps) total	---	2x Type-A - 4,5W 1x Type-A - 12W
USB 3.2 Gen 2 (10 Gbps) total	---	1x Type-C - 15W 1x Type-C - Up to 60 W (PD v2.0-1.1) power output to client or 4.5W input
DisplayPort	2	2
VGA	1	---
DVI	1	---
HDMI text	---	1
Kensington Lock support	1 (Portrep only, Portrep option with key lock to secure Portrep & System)	1
Notes	---	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 C clients Set the MAC address by the user MAPT

**Keyboard and pointing devices**

Keyboard w/o touchstick (spill-resistant), Keyboard w/ touchstick, Backlight 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  
Status LED  
Power Button

**Wireless technologies**

Antennas	2 Dual band WLAN antennas, 2 LTE antennas optional
Bluetooth	v5.0
Integrated WLAN	Intel WiFi 6 AX201
WLAN encryption	WPA/WPA2 (Wi-Fi Protected Access)
WLAN notes	Import and usage according to country-specific regulations.
Integrated LTE or UMTS	LTE Sierra Wireless EM7455 (cat.6) LTE Fibocom L850-GL (cat.9)
GPS	Embedded in 4G module if configured with WWAN

**Power supply**

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 19 V / 90 W (4.74 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) AC-Adapter
Notes	65W AC Adapter for usage with system/ 90W AC Adapter for usage with Port Replicator
1st battery options	Lithium polymer battery 4-cell, 4,170 mAh, 60 Wh
1st battery	Lithium polymer battery 4-cell, 60 Wh
Battery features	Quick Charge: 80% in 1h
Runtime 1st battery	up to 13 h 20 min (or up to 10 h with ePrivacyFilter)

**Power supply**

<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
-----------------------	-------------------------------------

**Dimensions / Weight / Environmental**

<b>Dimensions (W x D x H)</b>	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
<b>Weight</b>	from 1.17 kg
<b>Weight (lbs)</b>	from 2.58 lbs
<b>Weight notes</b>	Weight may vary depending on actual configuration
<b>Operating ambient temperature</b>	5 - 35 °C (41 - 95 °F)
<b>Operating relative humidity</b>	20 - 80 %

**Compliance**

<b>Product</b>	LIFEBOOK U7310
<b>Model</b>	7U13A1
<b>Germany</b>	GS planned (Full HD Display only)
<b>Europe</b>	CE CB
<b>USA/Canada</b>	FCC (depending on configuration)
<b>Global</b>	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 7.1 EPEAT® in progress (dedicated regions) TCO Certified 8.0 (depending on configuration)
<b>China</b>	CCC (depending on configuration)
<b>Compliance link</b>	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>

**Additional Software**

<b>Additional software (preinstalled)</b>	McAfee® LiveSafe™ (provides award-winning antivirus protection for your PC and much more. 30 days trial pre-installed) Waves MaxxAudio (audio enhancer) Fujitsu Plugfree Network (network management utility) Fujitsu Anytime USB Charge Utility Fujitsu Battery Utility Fujitsu Function Manager Fujitsu DeskUpdate (driver and utility tool)
<b>Additional software (optional)</b>	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD) CyberLink YouCam (webcam software) 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.)
<b>Manageability technology</b>	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) WoL (Wake on LAN) Intel® vPro™ technology
<b>Manageability software</b>	DeskView Client DeskView Instant BIOS Management

<b>DeskView components</b>	Inventory Management BIOS Management Driver Management Security Management Alarm Management
<b>Supported standards</b>	WMI (Windows Management Instrumentation) PXE (Preboot Execution Environment) DMI (Desktop Management Interface) SMBIOS (System Management BIOS) CIM (Common Information Model) BootP (made4you)
<b>Manageability link</b>	<a href="http://www.fujitsu.com/fts/manageability">http://www.fujitsu.com/fts/manageability</a>

**Security**

<b>System and BIOS Security</b>	EraseDisk Trusted Platform Module (TPM 2.0)
<b>User Security</b>	Embedded PalmSecure™ sensor (optional) Embedded fingerprint sensor (optional) Access protection via internal SmartCard reader (optional) Hard disk password User and supervisor BIOS password

**Warranty**

<b>Warranty period</b>	2 years (for countries within EMEA)
<b>Warranty type</b>	Bring-in Service / Collect & Return Service (depending on country)
<b>Warranty Terms &amp; Conditions</b>	<a href="http://www.fujitsu.com/warranty">http://www.fujitsu.com/warranty</a>
<b>Product Support Services - the perfect extension</b>	
<b>Recommended Service</b>	9x5, Onsite Response Time: Next Business Day
<b>Spare Parts availability</b>	5 years after end of product life
<b>Service Weblink</b>	<a href="http://www.fujitsu.com/emeia/products/product-support-services/">http://www.fujitsu.com/emeia/products/product-support-services/</a>

## Recommended Accessories

**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



**Wireless Mouse Touch WI910**

The Fujitsu Wireless Mouse Touch WI910 has a special touch sensitive surface that recognizes when your hand touches the mouse even before you move it. This provides nearly instantaneous wake-up from the intelligent energy saving sleep mode. Unbeatable responsiveness combines with features like switchable resolution, and three programmable buttons for a unique user experience.

Order Code: S26381-K465-L100



## More information

### Fujitsu products, solutions & services

In addition to FUJITSU Notebook LIFEBOOK U7310, 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 U7310, 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/>



### Copyrights

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see <http://www.fujitsu.com/emeia/resources/navigation/terms-of-use.html>  
Copyright 2020 Fujitsu Technology Solutions GmbH

### Disclaimer

Technical data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

#### CONTACT

Fujitsu Technology Solutions GmbH  
Website: [www.fujitsu.com](http://www.fujitsu.com)  
2020-05-27 EM-EN

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see <http://www.fujitsu.com/emeia/resources/navigation/terms-of-use.html>  
Copyright 2020 Fujitsu Technology Solutions GmbH