

Fujitsu recommends Windows 11 Pro.

# Data Sheet

## Fujitsu Notebook LIFEBOOK E5413

### Your Powerful and Modern Business Device

The Fujitsu LIFEBOOK E5413 is designed for office workers needing a powerful and fully equipped notebook. Thanks to the 13th generation Intel® Core™ processor you can work efficiently wherever you are. Advanced security features like PalmSecure™ are protecting your business data against unauthorized access. Modern Standby provides you an instantly ready and always connected notebook.

#### Ultra-slim and lightweight design

Reliable mobility, ease of use and modern good looks for everyday business demands

- Ultra-slim 19.9 mm entry notebook starting at 1.35 kg with magnesium LCD lid
- Enjoy an ergonomic viewing experience with a 14.0-inch outdoor friendly anti-glare FHD display with touch option

#### Reliable and secure performance

Protect your business data from unauthorized access at all times

- Integrated PalmSecure™ or fingerprint sensor
- Infrared Camera: Allows face recognition with Windows Hello
- Intel® Iris® Xe Graphics
- Built-in Privacy Camera Shutter: Protecting your privacy
- SmartCard reader

#### Best in class connectivity

Be flexible and stay productive anywhere, anytime

- 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 ports with a full-sized HDMI and LAN connector and USB Type-C
- Based on the latest 13th Gen Intel® Core™ processors, enabling data to be processed faster

#### Convenient serviceability and upgradeability

Easy access to key components reduces upgrade time and costs

- Battery, memory, internal storage and connectivity components can be changed with ease

#### Long-term stable platform

Protect your investments and be ready for shared desk concepts

- This LIFEBOOK E5 Series provides an extraordinary guaranteed product lifecycle of 24 months



# Components

Base unit	LIFEBOOK E5413
<b>Operating systems</b>	
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 <a href="https://support.ts.fujitsu.com/IndexProdSupport.asp?lng=com&amp;OpenTab=">https://support.ts.fujitsu.com/IndexProdSupport.asp?lng=com&amp;OpenTab=</a>
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.
<b>Processor</b>	
	Intel® Core™ i7-1365U processor (10 Cores, up to 5.2 GHz) **
	Intel® Core™ i7-1355U processor (10 Cores, up to 5.0 GHz) *, ***
	Intel® Core™ i5-1345U processor (10 Cores, up to 4.7 GHz) **
	Intel® Core™ i5-1335U processor (10 Cores, up to 4.6 GHz) *, ***
	Intel® Core™ i3-1315U processor (6 Cores, up to 4.5 GHz) *
	* Processor only for retail, SMB, education and government ** Processor supports Intel® vPro® Enterprise ***Processor supports Intel® vPro® Essential
<b>Memory modules</b>	
	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
<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, 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.
<b>Interface add on cards/components (optional)</b>	
4G/ LTE (optional)	Quectel EM120R-GL (4G Cat.12) (Downlink speed 600 MB/s, Uplink speed 150 MB/s) Quectel EM05-G (4G Cat.4) (Downlink speed 150 MB/s, Uplink speed 50 MB/s)
<b>Display</b>	
	35.6 cm (14.0-inch), IPS, FHD, 1,920 x 1,080 pixel, Anti-glare multi-touch, 300 cd/m <sup>2</sup> (Touch), 700:1 (Touch)
	35.6 cm (14.0-inch), FHD, 1,920 x 1,080 pixel, Anti-glare IPS display, 400 cd/m <sup>2</sup> (FHD), 800:1 (FHD)
	35.6 cm (14.0-inch), FHD, 1,920 x 1,080 pixel, Anti-glare IPS display, 250 cd/m <sup>2</sup> (FHD), 700:1 (FHD)
<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 E5413
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## General system information

Chipset	Integrated in CPU
Supported capacity RAM (min.)	8 GB
Supported capacity RAM (max.)	64 GB
Memory slots	2 SO DIMM (DDR4, 3200 MHz)
Memory notes	Dual channel support
LAN	10/100/1,000 MBit/s Intel® I219LM
Integrated WLAN	Intel WiFi 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)

## Graphics

Base unit	LIFEBOOK E5413
Graphics brand name	Intel® UHD Graphics (with Single channel memory), Intel® Iris® Xe Graphics (with Dual channel memory)
Graphics notes	Shared memory depending on main memory size and operating system

## Interfaces

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)
Thunderbolt™ 4 total	2x Type-C with USB4 (40 Gbps, Power Delivery (15W), DP 1.4 out)
HDMI	1 Supports 4k@60Hz as specified in HDMI 2.0b
Ethernet (RJ-45)	1 (with status LED)
Memory card slots	1 microSD 3.0 Standard microSD card: 2GB microSDHC card: 32GB 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 configuration WWAN ready or with 4G LTE modules)
eSIM card	eSIM integrated in 4G LTE module
Docking connector for Port Replicator	1 - PR Model: NPR50
Kensington Lock support	1 - Recommendation: Kensington's Micro Security Saver

## Port Replicator interfaces (optional)

	USB Type-C PR	Thunderbolt™ 4 PR	Mechanical PR Model: NPR50
DC-in	1 (19V/90W required)	1 (20V/170W required)	1 (19V/90W 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-Port
USB 3.2 Gen1 (5 Gbps) total	3x Type-A - 5V/0.9A, 4.5W 1x Type-C - 15W	---	4x Type-A 2x Type-C
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	---
USB 4.0 Gen3 (20 Gbps) total	---	1x Type-C - TBT4 up to 60 W (PD v2.0-1.1), 5-20 V/3.0 A 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++	2 (up to 2x 3840x2160 60Hz)
VGA	1	---	1 (up to 1920x1200 6Hz)

**Port Replicator interfaces (optional)**

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)	---
Kensington Lock support	no	1	1 (lock Portrep only)
Ethernet (RJ-45)	1 (10/100/1000)	1 (10/100/1000 Mbit/s, 2,5 Gbps)	1 (10/100/1000)
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**

Spill-resistant keyboard, Available with standard keyboard or backlit keyboard  
 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 4G LTE antennas optional
Bluetooth	v5.3 hardware ready but may run at lower version due to OS limitation
Integrated WLAN	Intel WiFi 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.
LTE/UMTS/GPS notes	Optional
Integrated WWAN	(4G) LTE Quectel EM120R-GL (Cat.12) - eSIM integrated - UMTS,LTE (4G) LTE Quectel EM05-G (Cat.4) - eSIM integrated - UMTS,LTE
NFC	No
GPS	Embedded in 4G module if configured with WWAN
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
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
1st battery options	Li-Ion battery 4-cell, 3,915 mAh, 60 Wh
1st battery	Lithium polymer battery 4-cell, 60 Wh, 3915 mAh
Battery features	Quick Charge: 80% in 1h
Runtime 1st battery	11h (up to)
Battery notes	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**

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

Dimensions (W x D x H)	322 x 211 x 19.9 mm 12.68 x 8.31 x 0.78 inch
Weight	1.35 kg (starting from)
Weight (lbs)	starting from 2.98 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 E5413
Model	5E14A3
Germany	GS

**Compliance**

Europe	CE CB
USA/Canada	FCC (depending on configuration)
Global	ENERGY STAR® 8.0 MIL-STD-810H tested EPEAT® Gold (dedicated regions) TCO Certified 9.0
China	CCC (planned)
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>

**Additional Software**

Additional software (preinstalled)	Microsoft Office (1 month trial for new Microsoft® Office 365 customers. Buy Microsoft Office.) McAfee® LiveSafe™ (provides award-winning antivirus protection for your PC and much more. 30 days trial pre-installed) Fujitsu Plugfree Network (network management utility) Fujitsu Anytime USB Charge Utility Fujitsu Function Manager Fujitsu Battery Utility Fujitsu DeskUpdate (driver and utility tool)
Additional software (optional)	Drivers & Utilities DVD (DUDVD) Recovery DVD for Windows® Nero Essentials XL Microsoft® Office Professional 2021 Microsoft® Office Home and Business 2021 (Need to buy license to activate the pre-installed Microsoft Office. 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	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	<a href="https://www.fujitsu.com/global/products/computing/pc/manageability/">https://www.fujitsu.com/global/products/computing/pc/manageability/</a>
Physical Security	Kensington Lock support
System and BIOS Security	User and supervisor BIOS password
User Security	Embedded fingerprint sensor (optional) Embedded PalmSecure® sensor (optional) Smartcard reader (optional) TPM 2.0 Hard disk 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	1 year (for countries in 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>
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: <a href="https://support.ts.fujitsu.com/">https://support.ts.fujitsu.com/</a> 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 <a href="https://support.ts.fujitsu.com/">https://support.ts.fujitsu.com/</a>
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		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
Port Replicator for LIFEBOOK U7x13, U7x12, E5x13, E5x12, U7411 and U7511		Flexibility, expandability, desktop replacement, investment protection – to name just a few benefits of Fujitsu's docking options.	Order Code: FPCPR402BP
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
CANVAS HANSEN 14		The PLEVIER CANVAS HANSEN 14 leather and canvas case is a compact and classic carrier for on the go. Available for notebooks up to 14 inches with two compartments and two accessory sections, protection for your device ensured. A subtle design canvas and nappa leather shade.	Order Code: FPCBP601BQ
Top Case 14 (2021)		The FUJITSU Accessories Top Case 14 protects notebooks with up to 14-inch screens. A padded top-loading notebook compartment with shock-absorbing foam provides excellent protection for your notebook. The bag is equipped with a front compartment for storage of power adapters, office supplies or personal items.	Order Code: S26391-F20-L120

## 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. Order Code: S26381-K474-L100

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.

# More information

## Fujitsu products, solutions & services

In addition to Fujitsu Notebook LIFEBOOK E5413, 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 E5413, 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>



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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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