

Fujitsu recommends Windows 11 Pro.

# Data Sheet

## Fujitsu Notebook LIFEBOOK E4412

### Your Well-Equipped Everyday Partner

The Fujitsu LIFEBOOK E4412 is exclusively designed for office workers needing a powerful and well-equipped notebook that offers a fair price-performance ratio. Great connectivity options such as 4 G/LTE or Intel® Thunderbolt™ 4, an integrated fingerprint sensor and a modern robust design help you to work efficiently wherever you are.

#### Modern and robust design

Reliable mobility, ease of use and modern 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 an anti-glare 14.0-inch FHD display



#### Reliable and secure performance

Protect your notebook and business data from unauthorized access at all times

- Fingerprint sensor
- Built-in Privacy Camera Shutter: Protecting your privacy
- Infrared Camera: Allows face recognition with Windows Hello
- Intel® Iris® Xe Graphics



#### Best in class connectivity

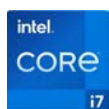
Be flexible and stay productive wherever you are

- Full set of ports with a full-sized HDMI, LAN connector and USB Type-C with Intel® Thunderbolt™ 4
- Embedded 4G/LTE enables you to access and transfer data faster

#### Convenient serviceability and upgradeability

Easy access to key components to reduce upgrade time and costs

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



# Components

Base unit	LIFEBOOK E4412
<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™ i7-1255U processor (10C, up to 4.7 GHz) *, *** Intel® Core™ i5-1235U processor (10C, up to 4.4 GHz) *, *** Intel® Core™ i3-1215U processor (6C, up to 4.4 GHz) *
	* Processor only for retail, SMB, education and government ***Processor supports Intel® vPro® Essential
<b>Memory modules</b>	
	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
<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, 1 TB M.2 NVMe module, SED
Hard disk notes	Durability in accordance with the manufacturer's indications on read and write cycles.
<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) LTE Sierra Wireless EM7421B (Cat.7) (Downlink speed up to 300 Mbit/s, Uplink speed up to 150 Mbit/s)
<b>Display</b>	
	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 E4412
<b>General system information</b>	
Chipset	Integrated in CPU
Supported capacity RAM (min.)	4 GB
Supported capacity RAM (max.)	64 GB
Memory slots	2 SO DIMM (DDR4, 3200 MHz)

## General system information

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)
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.

## Graphics

Base unit	LIFEBOOK E4412
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)
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 - Dual SIM (DSSA) supported
Kensington Lock support	1 - Recommendation: Kensington's Micro Security Saver

## 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: line-in / line-out	1	1
Audio: comments	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
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++
VGA	1	---
HDMI text	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
Ethernet (RJ-45)	1 (10/100/1000)	1 (10/100/1000 Mbit/s, 2.5 Gbps)

**Port Replicator interfaces (optional)**

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.
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**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.
Integrated LTE or UMTS	(4G) LTE Quectel EM120R-GL (Cat.12) - eSIM integrated - UMTS,LTE (4G) LTE Quectel EM05-G (Cat.4) - eSIM integrated - UMTS,LTE (4G) LTE Sierra Wireless EM7421B (Cat.7) - eSIM integrated - UMTS,LTE
LTE/UMTS/GPS notes	Optional
NFC	No
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
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	10h 30min (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)

**Compliance**

Product	LIFEBOOK E4412
Model	5E14A3
Europe	CE CB
Global	TCO Certified 9.0 ENERGY STAR® 8.0 EPEAT® Gold (dedicated regions)
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>

**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 (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	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>

**Security**

Physical Security	Kensington Lock support
System and BIOS Security	User and supervisor BIOS password
User Security	Embedded fingerprint sensor (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

### 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

### Prestige Trolley 17



The Fujitsu Prestige Trolley 17 protects and transports notebooks with up to 17 inch screens, along with clothes and toiletries. It is the perfect companion in a city environment or for overnight stays with four spacious compartments. Smooth running wheels and a telescopic handle ensure convenience, while the central section protects your notebook with shock-absorbing foam.

Order Code:  
S26391-F1194-L130

### 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. 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 Notebook LIFEBOOK E4412, 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 E4412, 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.