

Fujitsu recommends Windows 11 Pro.

Data Sheet

Fujitsu Notebook LIFEBOOK E5412

Your Powerful and Modern Business Device

The Fujitsu LIFEBOOK E5412 is designed for office workers needing a powerful and fully equipped notebook. Thanks to the 12th 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.

New ultra-slim and lightweight design

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

- New 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 HD or 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 12th 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 E5412
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	After the end of the product life Fujitsu will continue to test and support all upcoming Windows 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 General Availability Channel" at 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 (10C, up to 4.8 GHz) Intel® Core™ i7-1255U processor (10C, up to 4.7 GHz) * Intel® Core™ i5-1245U processor (10C, up to 4.4 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
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, 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.
Interface add on cards/components (optional)	
4G/5G (optional)	Quectel EM05- (4G Cat.4) (Downlink speed 150 MB/s, Uplink speed 50 MB/s)
Display	
	35.6 cm (14.0-inch), IPS, FHD, 1,920 x 1,080 pixel, Anti-glare multi-touch, 300 cd/m ² (Touch), 700:1 (Touch) 35.6 cm (14.0-inch), HD, 1,366 x 768 pixel, Anti-glare display, 220 cd/m ² (HD), 500:1 (HD) 35.6 cm (14.0-inch), FHD, 1,920 x 1,080 pixel, Anti-glare IPS display, 250 cd/m ² (FHD), 700:1 (FHD)
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 E5412
General system information	
Chipset	Integrated in CPU
Supported capacity RAM (min.)	4 GB

General system information

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 E5412
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)
USB 4.0 Gen3 (20 Gbps) total	2x Type-C Intel® Thunderbolt™ 4 (40 Gbps), Power Delivery (15W), DP 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 - Dual SIM (DSSA) supported
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
Audio: comments	1 Combo jack for headset usage	1 Combo jack for headset usage	Combo-Port
USB 3.2 Gen1 (5 Gbps) total	---	---	4x Type-A 2x Type-C
DisplayPort	1x V1.2	2x V1.4++	2 (up to 2x 3840x2160 60Hz)
VGA	1	---	1 (up to 1920x1200 60Hz)
HDMI text	1	V2.0b	1 (up to 4096x2160 60Hz)
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	The shown up to resolutions are maximum values each port and will be different depending on Multi-Display combinations.
Kensington Lock support	no	1	1 (lock Portrep only)

Port Replicator interfaces (optional)

Ethernet (RJ-45)	1	1 (10/100/1000 Mbit/s, 2.5 Gbps)	1
Notes	A number of simultaneously 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)

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+2 LTE antennas optional
Bluetooth	v5.2
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 EM05-G (Cat4) - 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, 3,915 mAh
Battery features	Quick Charge: 80% in 1h
Runtime 1st battery	tbc

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	starting from 1.35 kg
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 E5412
Model	5E14A3
Germany	GS (planned)
Europe	CE CB
USA/Canada	FCC (depending on configuration) (planned)
Global	TCO Certified 9.0
Russia	EAC in progress
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 (notes)	Use of additional software is subject to proactive acceptance of the respective End User License Agreement as applicable for the relevant software whether preinstalled or optional. This also applies for any available patches thereof.

Manageability

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

Security

Physical Security	Kensington Lock support
System and BIOS Security	User and supervisor BIOS password
User Security	Access protection via internal SmartCard reader (optional) Embedded fingerprint sensor (optional) Embedded PalmSecure® sensor (optional) Hard disk password
Security Notes	The security features included in the product alone cannot protect from any and all intrusion attempts and cyberattacks. For an adequate overall level of IT security, further IT security measures (eg. supplementary virus scanner settings, firewall, access rights management, encryption etc.) must be adopted independently of the available system configuration options. Hence the overall IT security for the product is within the sole responsibility of the respective user/administrator of the product.

Warranty

Warranty period	3 years Next Business Day
Warranty type	Onsite Service within metro areas
Warranty Terms & Conditions	Warranty Information – Client Computing Devices : Fujitsu Australia
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 Services - the perfect extension

Recommended Service	9x5, Onsite Response Time: Next Business Day
Spare Parts availability	5 years after end of product life
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.

Port Replicator for LIFEBOOK
U7x12, E5x12, U7411 and U7511



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

More information

Fujitsu products, solutions & services

In addition to Fujitsu Notebook LIFEBOOK E5412, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how, and worldwide partnerships.

Fujitsu Portfolio

Building on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions, and cloud offerings, ranging from clients to data center solutions, and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage 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

<https://www.fujitsu.com/au/support/client-computing-devices/notebooks/>

More information

Learn more about Fujitsu Notebook LIFEBOOK E5412, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. <https://www.fujitsu.com/au/products/computing/pc/notebooks/>

Fujitsu green policy

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 [Sustainable Manufacturing - Fujitsu Uvance : Fujitsu Australia](#)



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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

Fujitsu Product Team
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