

Fujitsu recommends Windows 11 Pro.

Data Sheet

Fujitsu Notebook LIFEBOOK E5412A

Your Powerful and Modern Business Device

The Fujitsu LIFEBOOK E5412A is designed for office workers needing a powerful, fully equipped notebook. Thanks to the latest AMD Ryzen™ 5000U Series processor and great connectivity with 4G/LTE you can work efficiently wherever you are. Advanced security features like PalmSecure™ are protecting your business data against unauthorized access.

Modern and robust design

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

- Slim 19.9 mm entry notebook starting at 1.35 kg with a solid design
- 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
- AMD Radeon™ 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 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
- Based on the latest AMD Ryzen™ 5000U Series 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



Components

| | |
|---|---|
| Base unit | LIFEBOOK E5412A |
| 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 | 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= |
| 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 | |
| | AMD Ryzen™ 7 PRO 5875U (8 Cores / 16 Threads) AMD Ryzen™ 5 PRO 5675U (6 Cores / 12 Threads) AMD Ryzen™ 3 PRO 5475U (4 Cores / 8 Threads) |
| 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/ 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) |
| 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), 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

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|-----------------------------------|----------------------------|
| Base unit | LIFEBOOK E5412A |
| 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) |

General system information

| | |
|-----------------|--|
| Memory notes | Dual channel support |
| LAN | 10/100/1,000 MBit/s Realtek RTL8111H |
| Integrated WLAN | Realtek Wi-Fi 6 RTL8852BE 11ax - WLAN, BT, SRD cat. 1 |
| BIOS version | UEFI Specification 2.7 |
| 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

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| Base unit | LIFEBOOK E5412A |
| Graphics brand name | AMD Radeon™ Graphics |
| Graphics notes | Shared memory depending on main memory size and operating system |

Interfaces

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|------------------------------|--|
| 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 3.2 Gen2 (10 Gbps) total | 2x Type-C (Power Delivery / 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 |
| Kensington Lock support | 1 |

Port Replicator interfaces (optional)

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|-------------------------|---|
| | USB Type-C PR |
| DC-in | 1 (19V/90W required) |
| Power on switch | 1 |
| Audio: comments | 1 Combo jack for headset usage |
| DisplayPort | 1x V1.2 |
| VGA | 1 |
| HDMI text | 1 |
| 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 |
| Kensington Lock support | no |
| Ethernet (RJ-45) | 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. |

Keyboard and pointing devices

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| | 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

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|--------------------|--|
| Antennas | 2 Dual band WLAN antennas, +2 4G LTE antennas optional |
| Bluetooth | v5.2 |
| Integrated WLAN | Realtek Wi-Fi 6 RTL8852BE 11ax - WLAN, BT, SRD cat. 1 |
| WLAN encryption | WPA/WPA2/WPA3 (Wi-Fi Protected Access) |
| WLAN notes | Import and usage according to country-specific regulations. |
| LTE/UMTS/GPS notes | Optional |
| Integrated WWAN | (4G) LTE Quectel EM120R-GL (Cat.12) - UMTS,LTE (4G) LTE Quectel EM05-G (Cat.4) - UMTS,LTE |
| NFC | No |
| GPS | Embedded in 4G module if configured with WWAN |

Power supply

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|---------------------|--|
| 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 | 14h 30min (up to) |
| 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. |

Noise emission

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| Noise emission | Please refer to the Eco Declaration |
|----------------|-------------------------------------|

Dimensions / Weight / Environmental

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| 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

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|-----------------|---|
| Product | LIFEBOOK E5412A |
| Model | 5E14A3 |
| Germany | GS (planned) |
| Europe | CE CB |
| Global | TCO Certified 9.0 ENERGY STAR® 8.0 EPEAT® Gold (dedicated regions) |
| Compliance link | https://sp.ts.fujitsu.com/sites/certificates |

Additional Software

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|------------------------------------|---|
| 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

| | |
|--------------------------------|---|
| 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

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|--------------------------|--|
| Manageability technology | Wake-on-LAN PXE Boot code |
| Supported standards | WMI (Windows Management Instrumentation) PXE (Preboot Execution Environment) DMI (Desktop Management Interface) SMBIOS (System Management BIOS) CIM (Common Information Model) |
| Manageability link | https://www.fujitsu.com/global/products/computing/pc/manageability/ |

Security

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|--------------------------|---|
| 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

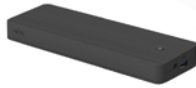
| | |
|-----------------------------|--|
| Warranty period | 1 year (for countries in EMEA) |
| Warranty type | Bring-in Service / Collect & Return Service (depending on country) |
| Warranty Terms & Conditions | http://www.fujitsu.com/warranty |
| Digital bug fixes | Subject to availability and following 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

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|--------------------------|---|
| 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

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

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:
FPCBP594BR

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:
S26391-F1193-L67

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 E5412A, 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 E5412A, 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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2023-05-02 EM-EN

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