

# Data Sheet

## Fujitsu LIFEBOOK E5510

### Your Powerful and Modern Business Device

The FUJITSU Notebook LIFEBOOK E5510 is exclusively designed for office workers needing a powerful, fully-equipped notebook. Thanks to the 10th generation Intel® Core™ processor you can work efficiently wherever you are. The advanced security features like PalmSecure™ are protecting your business data against unauthorized access. Modern Standby provides you an instantly ready and always connected notebook.

#### Modern and robust design

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

- Slim 23.9 mm entry notebook starting at 2.04 kg with a solid design
- Enjoy an ergonomic viewing experience with a 15.6-inch anti-glare FHD display
- Durability is Military Standard MIL-STD-810H tested

#### Reliable and secure performance

Protect your business data from unauthorized access at all times

- Integrated PalmSecure™ or finger print sensor
- Infrared Camera: Allows face recognition with Windows Hello
- Built-in Privacy Camera Shutter: Protecting your privacy
- SmartCard reader and TPM 2.0

#### Best in class connectivity

Be flexible and stay productive anywhere, anytime

- Full set of ports with a full-sized HDMI, VGA and LAN connector and USB Type-C
- Based on the latest QuadCore Intel processor, 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 (LTE & WLAN) can be changed with ease

#### Shared port replicator concept

Protect your investments and be ready for shared desk concepts

- Shared family port replicator with the LIFEBOOK U7 family ensures ultimate flexibility and workplace sharing



# Components

|                                |   |
|--------------------------------|---|
| Base unit                      | LIFEBOOK E5510  |
| <b>Operating systems</b>       |   |
| Operating system pre-installed | Windows 10 Pro. Fujitsu recommends Windows 11 Pro for business.<br>Windows 10 Home  |
| Operating system compatible    | Windows 11 Pro. Fujitsu recommends Windows 11 Pro for business.<br>Windows 11 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> . |
|                                | *Processor only for retail, SMB, education and government   |
| Hard disk notes                | Accessible capacity may vary, also depending on used software.  |
| <b>Multimedia</b>              |   |

## Base unit

|                                   |  |
|-----------------------------------|--|
| Base unit                         | LIFEBOOK E5510   |
| <b>General system information</b> |  |
| Chipset                           | Integrated   |
| Supported capacity RAM (min.)     | 4 GB   |
| Supported capacity RAM (max.)     | 64 GB  |
| Memory slots                      | 2 SO DIMM (DDR4, 2666 MHz)   |
| Memory notes                      | Dual channel support   |
| LAN                               | 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)  |
| MIL-STD tested                    | Yes, selected MIL-STD-810H tests passed.<br>MIL-STD-810H test results are not a guarantee of future performance under identified test conditions.<br>Accidental damage is not covered under standard international limited warranty. |
| <b>Display</b>                    |  |
| Brightness - typical              | FHD 250 cd/m <sup>2</sup>  |
| Contrast - typical                | FHD - 700:1  |
| Display notes                     | FHD - Viewing angle: Left/Right 80°, Top 80°, Bottom 80°; Color Gamut: 45%, response time 25 ms  |
| Base unit                         | LIFEBOOK E5510   |
| TFT resolution (DisplayPort)      | up to 4,096 x 2,160  |
| TFT resolution (HDMI)             | up to 4,096 x 2,160  |
| TFT resolution (VGA)              | up to 1,920 x 1,200  |
| Graphics brand name               | Intel® UHD Graphics  |
| Graphics features                 | 3 Display Support<br>DirectX® 12<br>OpenGL® 4.5  |

|  |  |
|--|--|
| Graphics notes                             | Shared memory depending on main memory size and operating system   |
| <b>Interfaces</b>                          |  |
| 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 Gen1 (5 Gbps) total                | 2x Type-A (1 with Anytime USB charge functionality)  |
| USB 3.2 Gen2 (10 Gbps) total               | 1x Type-C (Display-Port Tunnel & Power Delivery)   |
| VGA  | 1  |
| DisplayPort                                | 1 v1.2 (cannot be used together with HDMI)   |
| HDMI                                       | 1 v1.4b (cannot be used together with DisplayPort)   |
| Ethernet (RJ-45)                           | 1 (with status LED)  |
| Memory card slots                          | 1 SD 3.0 Standard<br>SD/microSD card: 2GB<br>SDHC/microSDHC card: 32GB<br>SDXC/microSDXC card: 2TB<br>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)   |
| Docking connector for Port Replicator      | 1  |
| Kensington Lock support                    | 1  |
| <b>Keyboard and pointing devices</b>       |  |
|  | Keyboard w/o touchstick (spill-resistant), Keyboard w/ touchstick, Backlit keyboard w/o touchstick<br>Number of keyboard keys: 106, Keyboard pitch: 18.4 mm, Keyboard stroke: 1.7 mm<br>Multi gesture touchpad with two mouse buttons<br>Status LED<br>Power Button  |
| <b>Wireless technologies</b>               |  |
| 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)<br>LTE Sierra Wireless EM7421 (cat.7)   |
| GPS  | Embedded in 4G module if configured with WWAN  |
| <b>Power supply</b>                        |  |
| Notes                                      | 65W AC Adapter for usage with system/ 90W AC Adapter for usage with Port Replicator  |
| 1st battery                                | Lithium polymer battery 4-cell, 50 Wh  |
| Battery features                           | Quick Charge: 80% in 1h  |
| Runtime 1st battery                        | up to 9 h 50 min   |
| 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.<br>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. |
| <b>Dimensions / Weight / Environmental</b> |  |
| Dimensions (W x D x H)                     | 379 x 256 x 23.9 mm<br>14.92 x 10.08 x 0.94 inch   |
| Weight                                     | from 2.04 kg   |
| Weight (lbs)                               | from 4.49 lbs  |
| Weight notes                               | Weight may vary depending on actual configuration  |
| Operating ambient temperature              | 5 - 35 °C (41 - 95 °F)   |

**Dimensions / Weight / Environmental**

|                             |           |
|-----------------------------|-----------|
| Operating relative humidity | 20 - 80 % |
|-----------------------------|-----------|

**Compliance**

|                 |  |
|-----------------|--|
| Product         | LIFEBOOK E5510   |
| Model           | 5E15A1   |
| Germany         | GS (Full HD Display only)  |
| Europe          | CE<br>CB   |
| USA/Canada      | FCC (depending on configuration) (planned)   |
| Global          | RoHS (Restriction of hazardous substances)<br>WEEE (Waste electrical and electronic equipment)<br>Microsoft Operating Systems (HCT / HCL entry / WHQL)<br>EPEAT® Silver (dedicated regions), depending on configuration<br>TCO Certified 8.0 (depending on configuration)<br>ENERGY STAR® 8.0<br>MIL-STD-810H tested |
| India           | BIS  |
| Russia          | EAC  |
| China           | CCC (depending on configuration)   |
| Compliance link | <a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>  |

**Additional Software**

|                                    |  |
|------------------------------------|--|
| Additional software (preinstalled) | McAfee® LiveSafe™ (provides award-winning antivirus protection for your PC and much more. 30 days trial pre-installed)<br>Waves MaxxAudio (audio enhancer)<br>Fujitsu Plugfree Network (network management utility)<br>Fujitsu Anytime USB Charge Utility<br>Fujitsu Battery Utility<br>Fujitsu Function Manager<br>Fujitsu DeskUpdate (driver and utility tool) |
| Additional software (optional)     | Recovery DVD for Windows®<br>Drivers & Utilities DVD (DUDVD)<br>CyberLink YouCam (webcam software)<br>Microsoft® Office Professional 2019<br>Microsoft® Office Home and Business 2019<br>(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.)                     |

**Manageability****Security**

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

**Warranty**

|                 |  |
|-----------------|--|
| Warranty period | 1 year (for countries in EMEA)                                     |
| Warranty type   | Bring-in Service / Collect & Return Service (depending on country) |

**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> |

# Recommended Accessories

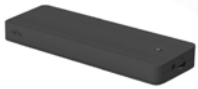
Port Replicator for LIFEBOOK U7 and E5 family with key lock (2020)



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

Order Code: S26391-F1607-L219

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

USB Port Replicator PR09



The Fujitsu USB Port Replicator PR09 is the perfect solution for shared desk environments within a hyperconnected world. It connects your mobile system to your main peripherals with a single USB plug. This Port Replicator is equipped with the most powerful DisplayLink chipset supporting high performance video streaming with Dualhead-DisplayPort. Highest data throughput is guaranteed due to an USB Type-C based Gen2 Hub-Controller enabling up to 10 Gbit/s data streaming. The newest version of USB Power Delivery chipset (PD3.0) provides powerful charging during your workday.

Order Code: S26391-F6007-L500

Battery 4 cell 50 Wh



The 4 cell 50 Wh battery requires a voltage of 14.4 V and has a capacity of 3490 mAh. The weight of the battery is 300 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: S26391-F1616-L100

USB-C Hub 4 Ports



Fujitsu offers the first most powerful USB-C hybrid usage hub, following industrial requirements as well as being ready for office desktop usage. The USB-C Hub 4 Ports from Fujitsu makes connecting all of your USB peripherals a quick and simple process. SuperSpeed USB Type-C makes data transfer to and from external storage faster than ever. The hub dynamically selects the optimal speed for each device, giving you more bandwidth where you need it automatically.

Order Code: S26391-F6099-L404

Privacy Filters



To use privacy filters is a must in times of increased safety requirements. Fujitsu’s Privacy Filters block unauthorized views on your screen while you are sitting in an external meeting or working in a train. The front view remains clear for the user’s eyes only. The filters are easy to attach and what’s more: They also protect your screen from small scratches and damages.

Order Code: S26391-F6098-L215

Prestige Top Case 15 (2021)



The Prestige Top Case 15 protects notebooks with up to 15.6-inch screens. A padded top-loading notebook compartment made of shock-absorbing foam ensures additional protection. It’s front pouch is ideal for storing of power adaptors, office supplies or personal items. It is the perfect business case in a practical design.

Order Code: S26391-F1120-L50

Prestige Case 15 (2021)



The Prestige Case 15 protects notebooks with up to 15.6-inch screens. The front compartment provides space for your power cord and office supplies. The large compartment is divided for your notebook and a tablet.

Order Code: S26391-F1120-L60

# More information

In addition to FUJITSU LIFEBOOK E5510, 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 E5510, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. <http://ts.fujitsu.com>

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