

# Data Sheet

## Fujitsu Mobile Thin Client LIFEBOOK E5412

### The powerful Mobile Thin Client - A modern business device

The FUJITSU Mobile Thin Client LIFEBOOK E5412 is a powerful device for companies that need flexible end-points with an optimal mix of industry leading OS, Thin Client device management consoles with mobile & flexible hardware options to provide secure client cloud computing and full productivity choices for your employees.

#### Modern and robust design

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

- Mobile Thin Client starting at 1.35 kg with a solid design
- Enjoy an ergonomic viewing experience with a 14.0-inch anti-glare FHD display

#### eLux® RP 6 Thin Client OS and Scout Enterprise Management Suite® 15

Enables you to save on costs upfront and keep your IT infrastructure secure and up-to-date with continuous security patch releases

- Unicon offers a flexible licensing model that includes the eLux OS and Scout Enterprise Management Suite with long term support for the latest updates

#### Enterprise-grade security

Enables you to provide a secure end-point device that helps prevent unauthorized access to sensitive enterprise data completely independent of your location

- Centralized administration and granular access controls coupled with built-in BIOS security, write Filter Protection and Kensington lock support with additional security options like finger print sensor, camera shutter, SmartCard reader and TPM 2.0

#### Full productivity and connectivity

Enables your mobile workforce to be more productive with UC&C and multiple display options and multiple connectivity options that can get work done faster and more efficiently

- Full set of ports with a full-sized HDMI and LAN connector
- Modern Workplace ready with USB Type-C alternate mode (DisplayPort & Power Delivery)

#### Investment protection

Helps you run your Thin Clients on the latest and most secure versions of the eLux RP and Scout Enterprise Management Suite

- Scout subscription helps provide perpetual updates and upgrades to eLux RP 6 and Scout Enterprise Management Suite 15



# Components

Base unit	LIFEBOOK E5412/MTC
<b>Operating systems</b>	
Operating system pre-installed	eLux® RP Windows® 10 IoT Enterprise 2019 LTSC
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>Operating system and software (Linux)</b>	
Operating system	eLux® RP
Notes	eLux® is a hardware-independent operating system for cloud computing environments. eLux ensures hardware independence and migration ability. An existing license can simply be transferred via Scout Enterprise whenever the hardware is upgraded. New updates and upgrades are always built modular – only the changed parts (delta) of the software are transferred to the device and implemented into the existing installation. Software updates and upgrades are available around the clock at <a href="http://myelux.com">myelux.com</a> .
Functions	eLux® RP 6 Citrix Workspace App VMware® Horizon Client Updates and optional software packages are available at <a href="http://www.myelux.com">www.myelux.com</a>
Manageability	Scout Enterprise, flash memory management, embedded operating system update and system monitoring, managing devices by location, group or user, individual operating system composition with ELIAS (eLux and Scout Enterprise Management Suite license required)
<b>Operating system and software (Windows 10 IoT)</b>	
Operating system	Windows® 10 IoT Enterprise 2021 LTSC
Functions	Internet Explorer VMware® Horizon Client Citrix Workspace App
<b>Processor</b>	Intel® Core™ i3-1215U processor (6C, up to 4.4 GHz) * Intel® Celeron® processor 7305 (5 Cores / 5 Threads, 1.1 GHz) * *Processor only for retail, SMB, education and government
<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
<b>Hard disk drives (internal)</b>	PCIe-SSD, 256 GB M.2 NVMe module, SED PCIe-SSD, 128 GB 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), 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
Camera notes	720p, 1 megapixels, 1280 x 720, with Privacy Camera Shutter
Microphone	dual digital array microphone

# Base unit

Base unit	LIFEBOOK E5412/MTC
<b>General system information</b>	
Chipset	Integrated in CPU
Supported capacity RAM (min.)	4 GB
Supported capacity RAM (max.)	16 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
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 E5412/MTC
Graphics brand name	Intel® UHD Graphics (with Single channel memory)
Graphics notes	Shared memory depending on main memory size and operating system

## Interfaces (Base unit specific)

Audio: line-in / line-out	1
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
Docking connector for Port Replicator	1 - PR Model: NPR50
Kensington Lock support	1

## Port Replicator interfaces (optional)

	Thunderbolt™ 4 PR	Mechanical PR Model: NPR50
DC-in	1 (20V/170W required)	1 (19V/90W required)
Power on switch	1	1
Audio: line-in / line-out	---	1
Audio: comments	1 Combo jack for headset usage	Combo-Port
USB 3.2 Gen1 (5 Gbps) total	---	4x Type-A 2x Type-C
DisplayPort	2x V1.4++	2 (up to 2x 3840x2160 60Hz)
VGA	---	1 (up to 1920x1200 6Hz)

**Port Replicator interfaces (optional)**

HDMI text	V 2.0b	1 (up to 4096x2160 60Hz)
Interface Notes	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	1	1 (lock Portrep only)
Ethernet (RJ-45)	1 (10/100/1000 Mbit/s, 2,5 Gbps)	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.	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 encryption	WPA/WPA2/WPA3 (Wi-Fi Protected Access)
WLAN notes	Import and usage according to country-specific regulations.
Integrated LTE or UMTS	(4G) LTE Quectel EM05-G (Cat.4) - 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 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

**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 Mobile Thin Client
Model	5E14A3
Germany	GS (planned)
Europe	CE CB
USA/Canada	FCC (depending on configuration) (planned)

**Compliance**

Global	TCO Certified 9.0 ENERGY STAR® 8.0 EPEAT® Gold (dedicated regions)
Russia	EAC in progress
China	CCC (planned)
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>
Security software	
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**

DeskView components	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
User Security	Access protection via internal SmartCard reader (optional) Embedded fingerprint sensor (optional) 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

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

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

Prestige Backpack 16



The Fujitsu Prestige Backpack 16 protects notebooks with up to 16-inch displays. It contains one large main compartments, two elastic mesh side pocket and three front bays with zipper. The padded back compartment provides protection for your notebook, while the other sections store power adaptors and office supplies. Padded shoulder straps and back cushions provide comfort on the move.

Order Code:  
S26391-F1194-L137

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

Notebook Mouse M420NB



The Notebook Mouse M420NB is the perfect optical notebook mouse for busy professionals on the road. It is compact enough that it easily slips into a notebook bag or briefcase without getting in the way. It features two buttons and a scroll wheel which can also be used as a third button.

Order Code:  
S26381-K454-L100

Mouse M520 black



The Fujitsu Accessory Mouse M520 black is an essential input device for PCs that works on nearly every surface and follows your hand movements smoothly and precisely. It features two buttons and a scroll wheel which also can be used as third button.

Order Code:  
S26381-K467-L100

Mouse M530 black



The black Fujitsu Mouse M530 provides modern laser technology and allows you to work on almost any surface. Comfortable tilt and scroll wheel technology and three buttons as well as the precise 1,200 dpi sensor guarantee maximum comfort for the user. – You can also choose between PS/2 and USB connection.

Order Code:  
S26381-K468-L100

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

Keyboard KB955



The KB955 is a very flat keyboard with extra low keys and spill-resistant protection. The elegant design and top-quality construction makes the KB955 the ideal input device for any PC or Notebook user. If you accidentally spill some water or coffee onto the keyboard, this special construction helps the liquid to flow away.

S26381-K955-L4\*\* (\*\*:  
Country specific variation)

# More information

## Fujitsu products, solutions & services

In addition to FUJITSU Mobile Thin Client 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

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 Mobile Thin Client LIFEBOOK E5412, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. [www.fujitsu.com/emeia/FUTRO](http://www.fujitsu.com/emeia/FUTRO)

## 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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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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2023-03-02 EM-EN

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