Fujitsu recommends Windows 11 Pro.



Data Sheet FUJITSU Notebook 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		
Operating systems			
Operating system pre-installed	Windows 10 Pro Windows 10 Home		
Operating system compatible	Windows 11 Pro. Fujitsu recommends Windows 11 Pro for business. 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 Window 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 http://support.ts.fujitsu.com.		
Processor	Intel® Core™ i7-10610U processor (4 Cores / 8 Threads, 1.8 GHz, up to 4.9 GHz)		
	Intel® Core™ i7-10510U processor (4 Cores / 8 Threads, 1.8 GHz, up to 4.9 GHz) *		
	Intel® Core™ i5-10310U processor (4 Cores / 8 Threads, 1.7 GHz, up to 4.4 GHz)		
	Intel® Core™ i5-10210U processor (4 Cores / 8 Threads, 1.6 GHz, up to 4.2 GHz) *		
	Intel® Core™ i3-10110U processor (2 Cores / 4 Threads, 2.1 GHz, up to 4.1 GHz) *		
	*Processor only for retail, SMB, education and government		
Memory modules	4 GB (1 module(s) 4 GB) DDR4, 2,666 MT/s, SO DIMM		
	8 GB (1 module(s) 8 GB) DDR4, 2,666 MT/s, SO DIMM		
	16 GB (1 module(s) 16 GB) DDR4, 2,666 MT/s, SO DIMM		
	32 GB (1 module(s) 32 GB) DDR4, 2,666 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, 256 GB M.2 NVMe module		
	PCIe-SSD, 1 TB M.2 NVMe module, SED		
	HDD SATA III, 5,400 rpm, 500 GB, 2.5-inch, S.M.A.R.T.		
Hard disk notes	Accessible capacity may vary, also depending on used software.		
Interface add on cards/components (optional)			
3G/4G (optional)	LTE Sierra Wireless EM7421 (Cat.7) (Downlink speed up to 300 Mbit/s, Uplink speed up to 150 Mbit/s)		
Display	39.6 cm (15.6-inch), LED backlight, (HD), Anti-glare display, compound, 1,366 x 768 pixel, 500:1, 220 cd/m²		
• •	39.6 cm (15.6-inch), LED backlight, (Full HD), Anti-glare IPS display, compound, 1,920 x 1,080 pixel, 700:1, 250 cd/m ²		
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 E5510		
General system information			
Chipset	Integrated		
Supported capacity RAM (min.)	4 GB		
Supported capacity RAM (max.)	64 GB		
Memory slots	2 SO DIMM (DDR4, 2666 MHz)		

Consul motors information			
General system information	Dual channel support		
Memory notes	Dual channel support		
LAN Integrated WI ANI	10/100/1,000 MBit/s Intel® I219LM		
Integrated WLAN BIOS version	Intel WiFi 6 AX201		
BIOS features	UEFI Specification 2.7		
	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. 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.		
Display			
Display notes	FHD - Viewing angle: Left/Right 80°, Top 80°, Bottom 80°,	; Color Gamut: 45%, response time 25 ms	
Brightness - typical	FHD 250 cd/m ²		
Contrast - typical	FHD - 700:1		
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 DirectX® 12		
	OpenGL® 4.5		
Graphics notes	Shared memory depending on main memory size and o	perating system	
Interfaces			
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 SD/microSD card: 2GB SDHC/microSDHC card: 32GB SDXC/microSDXC card: 2TB 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 mo	odule)	
Docking connector for Port Replicator	1		
Kensington Lock support	1		
Port Replicator interfaces (optional)			
	Model: NPR46 (mech. PR)	USB Type-C PR	
DC-in	1 (19V/90W required)	1 (19V/90W required)	
Power on switch	1	1	
Audio: headphone	1		
Audio: microphone	1		
Audio: comments		1 Combo jack for headset usage	

Port Replicator interfaces (optional)			
USB 3.2 Gen1 (5 Gbps) total	4x Type-A		
` '	2x Type-C		
DisplayPort	2 (up to 2x 3840x2160 60Hz)	1x V1.2	
VGA	1 (up to 1920x1200 60Hz)	1	
DVI	1 (up to 1920x1200 60Hz)		
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	
Kensington Lock support	1 (Portrep only, Portrep option with key lock to secure	client or 4.5W input no	
	Portrep & System)		
Ethernet (RJ-45)		1	
Notes	1 RJ45 (10/100/1000)	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			
	Keyboard w/o touchstick (spill-resistant), Keyboard w/ to	ouchstick, Backlight keyboard w/o touchstick	
	Number of keyboard keys: 106, Keyboard pitch: 18.4 mm	n, Keyboard stroke: 1.7 mm	
	Multi gesture touchpad with two mouse buttons		
	Status LED Power Button		
	Tower button		
Wireless technologies	0.0 11 11/4/11 1 0.175 1 11 1		
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 regulati LTE Sierra Wireless EM7455 (cat.6)	ons.	
Integrated LTE or UMTS	LTE Sierra Wireless EM7455 (cat.o) LTE Sierra Wireless EM7421 (cat.7)		
GPS	Embedded in 4G module if configured with WWAN		
Power supply AC Adoptor	10 V / 00 W / 4 74 A \ 100 V 240 V F0 Hz 60 Hz 2 pip / c	rounded) DC in AC Adenter (for DD)	
AC Adapter AC Adapter	19 V / 90 W (4.74 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (gi 19 V / 65 W (3.42 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (gi		
Notes	65W AC Adapter for usage with system/ 90W AC Adapte	•	
1st battery	Lithium polymer battery 4-cell, 50 Wh	Tor usage with Fort nephicator	
Battery features	Quick Charge: 80% in 1h		
Runtime 1st battery	up to 9 h 50 min		
Battery notes	·	powledged RAPCo® MobileMark® 2018, Pofer to www.banco	
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.		
N	accidates stigning with every re-charge and over its illet		
Noise emission	Diago refer to the Foo Declaration		
Noise emission	Please refer to the Eco Declaration		
Dimensions / Weight / Environmental			
Dimensions (W x D x H)	379 x 256 x 23.9 mm		
	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		

Dimensions / Weight / Environmental	
Operating ambient temperature Operating relative humidity	5 - 35 °C (41 - 95 °F) 20 - 80 %
	20 - 80 %
Compliance	LIFFDOOKFEEA
Product	LIFEBOOK E5510
Model	5E15A1
Germany	GS (Full HD Display only)
Europe	CE CB
USA/Canada	FCC (depending on configuration) (planned)
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) EPEAT® Silver (dedicated regions), depending on configuration TCO Certified 8.0 (depending on configuration) ENERGY STAR® 8.0 MIL-STD-810H tested
India	BIS
Russia	EAC
China	CCC (depending on configuration)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates
Additional Software	
Additional software (preinstalled)	McAfee® LiveSafe™ (provides award-winning antivirus protection for your PC and much more. 30 days trial pre- installed) Waves MaxxAudio (audio enhancer) 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 (optional)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD) CyberLink YouCam (webcam software) Microsoft® Office Professional 2019 Microsoft® Office Home and Business 2019 (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.)
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 technology	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) WoL (Wake on LAN) Intel® vPro™ technology
Manageability software	DeskView Client DeskView Instant BIOS Management
DeskView components	Inventory Management BIOS Management Driver Management Security Management Alarm 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		
Manageability link	http://www.fujitsu.com/fts/manageability	
Security		
System and BIOS Security	EraseDisk	
	Trusted Platform Module (TPM 2.0)	
User Security	Embedded PalmSecure™ sensor (optional)	
	Embedded fingerprint sensor (optional)	
	Access protection via internal SmartCard reader (optional)	
	Hard disk password	
	User and supervisor BIOS password The security features included in the product alone cannot protect from any and all intrusion attempts and	
Security Notes	cyberattacks. For an adequate overall level of IT security, further IT security measures (e.g. 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	1 year (for countries in EMEIA)	
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 Services - the perf	ect extension	
Recommended Service	9x5, Onsite Response Time: Next Business Day	
Spare Parts availability	5 years after end of product life	
- Fr		
Service Weblink	http://www.fujitsu.com/emeia/products/product-support-services/	

Recommended Accessories

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



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

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

Order Code: S26391-F3327-L100

USB Port Replicator PR09



during your workday.

additional charger. The new 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

Order Code: S26391-F6007-L500

Battery	∕ 4 cel	l 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



Connecting all of your USB peripherals is quick and easy with the USB-C Hub 4 Ports from Fujitsu. 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. The USB-C Hub 4 Ports if fit for both Office and Industry applications, additionally including a 7-48 VDC with "Phoenix" clamp (+/-/GND).

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. Order Code: 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.

S26391-F1120-L50

Prestige Case 15 (2021)



The Prestige Case 15 protects notebooks with up to 15.6-inch screens. The Order Code: front compartment provides space for your power cord and office supplies. S26391-F1120-L60 The large compartment is devided for your notebook and a tablet.

More information

Fujitsu products, solutions & services

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/

Software 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. 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



Copyrights

All rights reserved, including intellectual property rights. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see http://www.fujitsu.com/emeia/resources/navigation/terms-of-use. html

Copyright 2021 Fujitsu Technology Solutions

Disclaimer

Technical data is subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner.

Contact

Fujitsu Technology Solutions GmbH Website: www.fujitsu.com 2022-02-01 EM-EN All rights reserved, including intellectual property rights. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see http://www.fujitsu.com/emeia/resources/navigation/terms-of-use.html
Copyright 2021 Fujitsu Technology Solutions GmbH