FUJITSU

Fujitsu recommends Windows 10 Pro for business.

Data Sheet
FUJITSU Notebook LIFEBOOK E5511

Your Powerful and Modern Business Device

The FUJITSU Notebook LIFEBOOK E5511 is designed for office workers needing a powerful, fully-equipped notebook. Thanks to the 11th 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 outdoor friendly anti-glare FHD display
- With optional touch or non-touch screen
- Long Lifecycle with 24 months

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
- Intel® Iris® Xe Graphics
- 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
- 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, 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 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.

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Components

Base unit	LIFEBOOK E5511
Operating systems	
Operating system pre-installed	Windows 10 Pro. Fujitsu recommends Windows 10 Pro for business. Windows 10 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™ i7-1185G7 processor (4 Cores / 8 Threads, up to 4.8 GHz)
	Intel® Core™ i7-1165G7 processor (4 Cores / 8 Threads) *
	Intel® Core™ i5-1145G7 processor (4 Cores / 8 Threads)
	Intel® Core™ i5-1135G7 processor (4 Cores / 8 Threads) *
	Intel® Core™ i3-1115G4 processor (2 Cores / 4 Threads) *
	*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, 256 GB M.2 NVMe module
	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)	
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,(Full HD),Anti-glare IPS touchscreen,1,920 x 1,080 pixel,700:1,250 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/m²
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 E5511
General system information	
Chipset	Integrated
Supported capacity RAM (min.)	4 GB
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 6 AX201

General system information

BIOS version	UEFI Specification 2.7
BIOS features	InsydeH2O BIOS
Audio type	On board
Audio codec	Realtek ALC255
Audio features	2x built-in speakers (stereo)

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/m²
Contrast - typical	FHD - 700:1
Base unit	LIFEBOOK E5511
TFT resolution (DisplayPort)	up to 3,840 x 2,160 @ 60 Hz
TFT resolution (HDMI)	Up to 4,096 x 2,160 pixel (30 Hz)
TFT resolution (VGA)	up to 1,920 x 1,200
Graphics brand name	Intel® UHD Graphics (with Single channel memory), Intel® Iris® Xe Graphics (with Dual channel memory)
Graphics features	3 Display Support DirectX® 12 OpenGL® 4.5
Graphics notes	Shared memory depending on main memory size and operating system

Interfaces (Base unit specific)

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 4.0 Gen3 (20 Gbps) total	1x Type-C Intel® Thunderbolt™ 4 (with Power Delivery functionality)
USB Type-C	USB 4.0 Gen3 (20 Gbps), Intel® Thunderbolt™ 4 (40Gbps), Power Delivery (15W), DP out
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
Memory card slots	1 SD 3.0 Standard SD/microSD card SDHC/microSDHC card SDXC/microSDXC card Speed Class: up to UHS-I
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

Port Replicator interfaces (optional)

	Thunderbolt™ 4 PR	Model: NPR46 (mech. PR)	USB Type-C PR	Thunderbolt™ 3 PR
DC-in	1 (20V/170W required)	1 (19V/90W required)	1 (19V/90W required)	1 (20V/170W required)
Power on switch	1	1	1	1
Audio: headphone	---	1	---	---
Audio: microphone	---	1	---	---
Audio: comments	1 Combo jack for headset usage	---	1 Combo jack for headset usage	1 Combo jack for headset usage
USB 3.2 Gen1 (5 Gbps) total	---	4x Type-A 2x Type-C	---	---
DisplayPort	2 (up to 2560 x 1600), DP 1.4	2 (up to 2x 3840x2160 60Hz)	1 (up to 2560 x 1600)	2 (up to 2560 x 1600)
VGA	---	1 (up to 1920x1200 6Hz)	1 up to 1920×1200 @ 60Hz depending on FJ mobile client	---

Port Replicator interfaces (optional)

DVI	---	1 (up to 1920x1200 60Hz)	---	---
HDMI text	1	---	1	1
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) 1x Type-C - TBT4 up to 15 W (PD v2.0-1.1), 5V/3.0A downstream, power output to client	---	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 - TBT3 up to 60 W (PD v2.0-1.1), 5-20V/3.0A upstream (PC) 1x Type-C - TBT3 up to 15 W (PD v2.0-1.1), 5V/3.0A downstream, power output to client
Kensington Lock support	1	1 (Portrep only, Portrep option with key lock to secure Portrep & System)	no	1
Notes	RJ-45:10/100/1000 MBits/s LAN WoL from S3 state WoL from S4 / S5 / G3 state depending on Fujitsu mobile client PXE launching for dedicated FJ mobile clients Set the MAC address by the user MAPT from 10th gen	1 RJ45 (10/100/1000)	1 RJ45 (10/100/1000) WoL from S3 state WOL from S4 / S5 / G3 depending on Fujitsu mobile client Launch of PXE for dedicated FJ mobile clients Set the MAC address by the user MAPT from 9th gen	RJ-45:10/100/1000 MBits/s LAN WoL from S3 state WoL from S4 / S5 / G3 state depending on Fujitsu mobile client PXE launching for dedicated FJ mobile clients Set the MAC address by the user MAPT from 9th gen

Keyboard and pointing devices

	Keyboard w/o touchstick (spill-resistant), Keyboard w/ touchstick, Backlight keyboard w/o touchstick
	Number of keyboard keys: 106, Keyboard pitch: 18.4 mm, Keyboard stroke: 1.7 mm
	Multi gesture touchpad with two mouse buttons Status LED Power Button

Wireless technologies

Antennas	2 Dual band WLAN antennas, 2 LTE antennas optional
Bluetooth	v5.1
Integrated WLAN	Intel WiFi 6 AX201
WLAN encryption	WPA/WPA2/WPA3 (Wi-Fi Protected Access)
WLAN notes	Import and usage according to country-specific regulations.
Integrated LTE or UMTS	LTE Sierra Wireless EM7421 (cat.7)
LTE/UMTS/GPS notes	Optional
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
	19 V / 90 W (4.74 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) AC-Adapter
	19 V / 65 W (3.42 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) standard AC-Adapter
	19 V / 90 W (4.74 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) AC-Adapter
	20 V / 65 W (3.25 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) Type-C AC-Adapter
Notes	65W AC Adapter for usage with system/ 90W AC Adapter for usage with Port Replicator
1st battery options	3,490 mAh, 50 Wh
1st battery	Lithium polymer battery 4-cell, 50 Wh
Battery features	Quick Charge: 80% in 1h
Runtime 1st battery	8 h 30 min

Power supply

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

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
Operating ambient temperature	5 - 35 °C (41 - 95 °F)
Operating relative humidity	20 - 80 %

Compliance

Product	LIFEBOOK E5511
Model	5E15A2
Germany	GS planned (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)
	TCO Certified 8.0 (depending on configuration)
	ENERGY STAR® in progress
	MIL-STD testing in progress
	EPEAT® Silver (dedicated regions), depending on configuration
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 (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.)

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

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Manageability

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 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

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

Product Support Services - the perfect extension

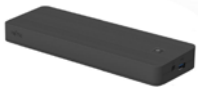|	
Recommended Service	9x5, Onsite Response Time: Next Business Day
Spare Parts availability	5 years after end of product life
Service Weblink	http://www.fujitsu.com/emeia/products/product-support-services/

Recommended Accessories

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 connection helps you to get your peripheral devices connected easily. Enhance your USB connection options, connect your displays via HDMI, DisplayPort or VGA and charge your device without an additional charger. Weight: 334 g, Dimensions: 219 x 75 x 22.9 mm (front) – 26.0 mm (back), including 90 W AC adapter and Type-C cable	Order Code: S26391-F3327-L100

Thunderbolt™ 3 Port Replicator		One cable, many capabilites - Connect, save space, and keep your desk tidy. With Thunderbolt™ 3 you can connect almost everything with only on cable and in highspeed. Enhance your USB connection options, connect your displays via Thunderbolt™ 3, HDMI, DisplayPort and charge your device without an additional charger. Thunderbolt™ 3 allows you to connect even highspeed devices in a most convenient way. Weight: 440 g, Dimensions: 239 x 80 x 26 mm, including 170 W AC adapter and TBT cable	Order Code: S26391-F3357-L100
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

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More information

Fujitsu products, solutions & services

In addition to FUJITSU Notebook LIFEBOOK E5511, 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 E5511, 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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