

Fujitsu recommends Windows 10 Pro for business.

# Data Sheet

## FUJITSU Notebook LIFEBOOK E559

### Your Powerful and Modern Business Device

The FUJITSU Notebook LIFEBOOK E559 is exclusively designed for office workers needing a powerful, fully-equipped notebook. Thanks to the 8th generation Intel® Core™ processor and a shared port replicator concept with the LIFEBOOK U7 family you can work efficiently wherever you are. Enjoy a new textured design with advanced security features like PalmSecure™ to protect your business data against unauthorized access.

#### 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 robust and new cross wave 3D textured design
- Enjoy an ergonomic viewing experience with a 15.6-inch anti-glare or FHD display

#### Reliable and secure performance

Protect your business data from unauthorized access at all times

- New integrated PalmSecure™ or finger print sensor, 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, LAN connector, Display Port 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

<b>Base unit</b>	LIFEBOOK E559
<b>Operating systems</b>	
<b>Operating system pre-installed</b>	Windows 10 Home
<b>Processor</b>	
	Intel® Core™ i7-8665U processor (4 Cores / 8 Threads, 1.9 GHz, up to 4.8 GHz)
	Intel® Core™ i7-8565U processor (4 Cores / 8 Threads, 1.8 GHz, up to 4.6 GHz) *
	Intel® Core™ i5-8365U processor (4 Cores / 8 Threads, 1.6 GHz, up to 4.1 GHz)
	Intel® Core™ i5-8265U processor (4 Cores / 8 Threads, 1.6 GHz, up to 3.9 GHz) *
	Intel® Core™ i3-8145U processor (2 Cores / 4 Threads, 2.1 GHz, up to 3.9 GHz) *
	*Processor only for retail, SMB, education and government
<b>Memory modules</b>	
	4 GB (1 module(s) 4 GB) DDR4, , SO DIMM
	8 GB (1 module(s) 8 GB) DDR4, , SO DIMM
	16 GB (1 module(s) 16 GB) DDR4, , SO DIMM
<b>Hard disk drives (internal)</b>	
	SSD SATA III, 512 GB M.2 module, OPAL capable
	SSD SATA III, 256 GB M.2 module, OPAL capable
	SSD SATA III, 256 GB M.2 module
	SSD SATA III, 1 TB M.2 module, OPAL capable
	PCIe-SSD, 512 GB M.2 NVMe module, SED
	PCIe-SSD, 256 GB M.2 NVMe module, SED
	HDD SATA III, 5,400 rpm, 500 GB, 2.5-inch, S.M.A.R.T.
	HDD SATA III, 5,400 rpm, 1 TB, 2.5-inch, S.M.A.R.T.
<b>Hard disk notes</b>	One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software. Up to 20 GB of HDD space is reserved for system recovery Internal storage interface: S-ATA III or PCIe If configured with an HDD, the drive has an integrated shock sensor.
<b>Interface add on cards/components (optional)</b>	
<b>WLAN (optional)</b>	Intel® Dual Band Wireless-AC9560 11ac with integrated Bluetooth 5.0
<b>3G/4G (optional)</b>	LTE Sierra Wireless EM7455 (Cat. 6) (Downlink speed up to 300 Mbit/s, Uplink speed up to 50 Mbit/s)
<b>Multimedia</b>	
<b>Camera</b>	Built-in webcam (HD) with Status LED
<b>Camera notes</b>	720p, 1 megapixels, 1280 x 720
<b>Microphone</b>	dual digital array microphone

## Base unit

<b>Base unit</b>	LIFEBOOK E559
<b>General system information</b>	
<b>Chipset</b>	Integrated
<b>Supported capacity RAM (max.)</b>	32 GB
<b>Memory slots</b>	2 SO DIMM (DDR4, 2400 MHz)
<b>LAN</b>	10/100/1,000 MBit/s Intel® I219LM
<b>BIOS version</b>	UEFI Specification 2.5

**General system information**

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-810G tests passed. MIL-STD-810G 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	ISO 9241-307 - Pixel class II HD - Viewing angle: Left/Right 40°, Top 10°, Bottom 30°; Color Gamut: 45%, response time 25 ms FHD - Viewing angle: Left/Right 80°, Top 80°, Bottom 80°; Color Gamut: 45%, response time 25 ms
Brightness - typical	HD - 220 cd/m <sup>2</sup> , FHD 250 cd/m <sup>2</sup>
Contrast - typical	HD - 500:1, FHD - 700:1
Base unit	LIFEBOOK E559
TFT resolution (DisplayPort)	up to 4,096 x 2,160 @ 60 Hz
TFT resolution (HDMI)	up to 3,840 x 2,160 @ 30 Hz
TFT resolution (VGA)	up to 1,920 x 1,200
TFT resolution (DVI on Port Replicator)	up to 1,920 x 1,200
TFT resolution (DisplayPort on Port Replicator)	up to 4,096 x 2,160 @ 60 Hz
Graphics brand name	Intel® UHD Graphics 620
Graphics features	3 Display Support DirectX® 12 OpenGL® 4.5
Graphics notes	Shared memory depending on main memory size and operating 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 3.1 Gen1 (USB 3.0) total	2x Type-A (1 with Anytime USB charge functionality)
USB 3.1 Gen2 total	1x Type-C (with Power Delivery functionality)
USB Type-C	Alternate Mode (Display-Port Tunnel & Power Delivery)
VGA	1
DisplayPort	1 v1.2 (exclusive with HDMI)
HDMI	1 v1.4 (exclusive with DP);
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 module)
Docking connector for Port Replicator	1
Kensington Lock support	1

**Port Replicator interfaces (optional)**

	Model: NPR46 (mech. PR)	Model: USB Type-C PR	---
DC-in	1 (19V/90W required)	19V/90W required	19V/90W required
Power on switch	1	1	1
Audio: headphone	1	---	---

**Port Replicator interfaces (optional)**

<b>Audio: microphone</b>	1	---	---
<b>Audio: comments</b>	---	Combo jack for headset usage	Combo jack for headset usage
<b>USB 3.1 Gen1 (USB 3.0) total</b>	4x Type-A 2x Type-C	3x USB3.1 Gen.1 Type A - 4,5W 1x USB3.1 Gen.1 Type C - 15W 1x USB3.1 Gen.1 Type C - Up to 60 W (PD v2.0-1.1) power output to client or 4.5W input	3x USB3.1 Gen.1 Type A - 4,5W 1x USB3.1 Gen.1 Type C - 15W 1x USB3.1 Gen.1 Type C - Up to 60 W (PD v2.0-1.1) power output to client or 4.5W input
<b>DisplayPort</b>	2 (up to 2x 3840x2160 60Hz)	1 (up to 2560 x 1600)	1 (up to 2560 x 1600)
<b>VGA</b>	1 (up to 1920x1200 6Hz)	up to 1920x1200 @ 60Hz depending on FJ mobile client	up to 1920x1200 @ 60Hz depending on FJ mobile client
<b>DVI</b>	1 (up to 1920x1200 60Hz)	---	---
<b>HDMI text</b>	---	1	1
<b>Kensington Lock support</b>	1 (Portrep only, Portrep option with key lock to secure Portrep & System)	no	no

**Keyboard and pointing devices**

Keyboard w/o touchstick (spill-resistant), Keyboard w/ touchstick, Backlight keyboard w/o touchstick (spill-resistant)  
 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**

<b>Antennas</b>	2 Dual band WLAN antennas, 2 LTE antennas optional
<b>Bluetooth</b>	v5.0
<b>WLAN encryption</b>	WEP, WPA, WPA2
<b>WLAN notes</b>	Import and usage according to country-specific regulations.
<b>WiDi support</b>	Yes (with Intel W-LAN)
<b>GPS</b>	Embedded in 3G/4G module if configured with WWAN

**Power supply**

<b>AC Adapter</b>	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
<b>Notes</b>	65W AC Adapter for usage with system/ 90W AC Adapter for usage with Port Replicator
<b>1st battery options</b>	3,490 mAh, 50 Wh
<b>1st battery</b>	Lithium polymer battery 4-cell, 50 Wh
<b>Battery features</b>	Quick Charge: 80% in 1h
<b>Runtime 1st battery</b>	up to 13 h
<b>Battery notes</b>	Battery runtime information is based on worldwide acknowledged BAPCo® MobileMark® 2014 (office productivity). Refer to <a href="http://www.bapco.com">www.bapco.com</a> 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**

<b>Noise emission</b>	Please refer to the Eco Declaration
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**Dimensions / Weight / Environmental**

<b>Dimensions (W x D x H)</b>	379 x 256 x 23.9 mm 14.92 x 10.08 x 0.94 inch
<b>Weight</b>	from 2.04 kg
<b>Weight (lbs)</b>	from 4.49 lbs
<b>Weight notes</b>	Weight may vary depending on actual configuration
<b>Operating ambient temperature</b>	5 - 35 °C (41 - 95 °F)
<b>Operating relative humidity</b>	20 - 80 %

**Compliance**

<b>Product</b>	LIFEBOOK E559
<b>Model</b>	ME15B
<b>Germany</b>	GS (Full HD Display only)
<b>Europe</b>	CE CB
<b>USA/Canada</b>	FCC (depending on configuration)
<b>Global</b>	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 7.0 EPEAT® Bronze (dedicated regions)
<b>India</b>	BIS
<b>China</b>	CCC (depending on configuration)
<b>Compliance link</b>	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>

**Additional Software**

<b>Additional software (preinstalled)</b>	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)
<b>Additional software (optional)</b>	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**

<b>Manageability technology</b>	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) WoL (Wake on LAN) Intel® vPro™ technology
<b>Manageability software</b>	DeskView Client DeskView Instant BIOS Management
<b>DeskView components</b>	Inventory Management BIOS Management Driver Management Security Management Alarm Management
<b>Supported standards</b>	WMI (Windows Management Instrumentation) PXE (Preboot Execution Environment) DMI (Desktop Management Interface) SMBIOS (System Management BIOS) CIM (Common Information Model) BootP (made4you)
<b>Manageability link</b>	<a href="http://www.fujitsu.com/fts/manageability">http://www.fujitsu.com/fts/manageability</a>

**Security**

<b>System and BIOS Security</b>	Optional: Trusted Platform Module (TPM 2.0) EraseDisk (optional) Credential Guard Ready and Device Guard Capable (Windows 10, v. 1511)
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<b>Security</b>	
<b>User Security</b>	Embedded PalmSecure™ sensor (optional) Embedded fingerprint sensor (optional) Access protection via internal SmartCard reader (optional) Hard disk password User and supervisor BIOS password Workplace Protect (secure authentication solution)
<b>Warranty</b>	
<b>Warranty period</b>	1 year (for countries in EMEA)
<b>Warranty type</b>	Bring-in Service / Collect & Return Service (depending on country)
<b>Warranty Terms &amp; Conditions</b>	<a href="http://www.fujitsu.com/warranty">http://www.fujitsu.com/warranty</a>
<b>Product Support Services - the perfect extension</b>	
<b>Recommended Service</b>	9x5, Onsite Response Time: Next Business Day
<b>Spare Parts availability</b>	5 years after end of product life
<b>Service Weblink</b>	<a href="http://www.fujitsu.com/emeia/products/product-support-services/">http://www.fujitsu.com/emeia/products/product-support-services/</a>

## Recommended Accessories

### Port Replicator for LIFEBOOK U7 and E5 family with key lock



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

Order Code:  
S26391-F1607-L219

### USB Port Replicator PR09



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 10Gbit/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

### 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

## More information

### Fujitsu products, solutions & services

In addition to FUJITSU Notebook LIFEBOOK E559, 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 E559, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
[www.fujitsu.com/emeia/products/computing/pc/notebooks/index.html](http://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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