

# 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 0.94 ins. entry notebook starting at 4.50 lbs. 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 Quad Core® 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 (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 Pro. Fujitsu recommends Windows 10 Pro. 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>Display</b>	
	15.6-inch LED backlight, (HD), Anti-glare display, compound, 1,366 x 768 pixel, 500:1, 220 cd/m <sup>2</sup>
	15.6-inch LED backlight, (Full HD), Anti-glare IPS display, compound, 1,920 x 1,080 pixel, 700:1, 250 cd/m <sup>2</sup>
<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

**General system information**

Memory slots	2 SO DIMM (DDR4, 2400 MHz)
LAN	10/100/1,000 MBit/s Intel® I219LM
BIOS version	UEFI Specification 2.5
BIOS features	InsydeH2O Bios
Audio type	On board
Audio codec	Realtek® ALC255 with MaxxAudio®
Audio features	2x built-in speakers (stereo)

**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 @ 60Hz
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 @ 60Hz
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)
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/microSD card : 2GB - SDHC/microSDHC card : 32GB - SDXC card : 512GB - microSDXC card : 200GB (or 128GB) Speed Class: up to UHS-I
SmartCard slot	1 (optional)

**Port Replicator interfaces (optional)**

DC-in	1 (19V)
Power on switch	1
Audio: headphone	1
Audio: microphone	1
USB 3.1 Gen1 (USB 3.0) total	4x Type-A 2x Type-C

**Port Replicator interfaces (optional)**

DisplayPort	2
VGA	1
DVI	1
Ethernet (RJ-45)	1 (10/100/1000)
Kensington® Lock support	1 (Portrep only, Portrep option with key lock to secure Portrep & System)

**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**

Antennas	2 Dual band WLAN antennas
Bluetooth®	v5.0
WLAN encryption	WEP, WPA, WPA2
WLAN notes	Import and usage according to country-specific regulations.

**Power supply**

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
Notes	65W AC Adapter for usage with system/ 90W AC Adapter for usage with Port Replicator
1st battery options	Lithium polymer battery 4-cell, 50 Wh
1st battery	
Battery features	Quick Charge: 80% in 1 h
Runtime 1st battery	up to 14 hrs
Battery notes	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**

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

Dimensions (W x D x H)	14.92 x 10.08 x 0.94 inch
Weight (lbs)	from 4,49 lbs
Weight notes	Weight may vary depending on actual configuration
Operating ambient temperature	41 - 95 °F
Operating relative humidity	20 - 80 %

**Product****Compliance with standards**

**North America** FCC Part 15B Class B and FCC Part 15C; FCC Part 15E; FCC Part 22/24/27; IC ICES-003 Class B and RSS-210; UL-cUL  
Listed; RF Human exposure Standard; ENERGY STAR® Qualified;  
MIL-STD-810G.  
Qualifies for treatment as U.S. Trade Agreements Act ("TAA") compliant finished product.

**Global** RoHS (Restriction of hazardous substances)  
WEEE (Waste electrical and electronic equipment)  
Microsoft Operating Systems (HCT / HCL entry / WHQL)  
ENERGY STAR® 7.1

**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 Battery Utility Fujitsu Function Manager
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<b>Additional software (optional)</b>	Recovery DVD for Windows 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.)
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**Manageability**

<b>Manageability technology</b>	PXE 2.1 Boot code Wake up from S5 (off mode) WoL (Wake on LAN)
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<b>Supported standards</b>	WMI (Windows Management Instrumentation) PXE (Preboot Execution Environment) DMI (Desktop Management Interface) SMBIOS (System Management BIOS) CIM (Common Information Model)
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<b>Manageability link</b>	<a href="http://www.fujitsu.com/fts/manageability">http://www.fujitsu.com/fts/manageability</a>
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**Security**

<b>System and BIOS Security</b>	Optional: Trusted Platform Module (TPM 2.0) Absolute Persistence® technology capable BIOS
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<b>User Security</b>	Embedded fingerprint sensor (optional) Access protection via internal SmartCard reader (optional) Hard disk password User and supervisor BIOS password
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**Warranty period**

<b>Warranty Terms &amp; Conditions</b>	<a href="http://support.ts.fujitsu.com/warranty">http://support.ts.fujitsu.com/warranty</a>
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<b>Service Weblink</b>	<a href="http://ts.fujitsu.com/Supportservice">http://ts.fujitsu.com/Supportservice</a>
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# More information

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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.

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### Software

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### More information

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### 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/>



**Green Policy Innovation**

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### CONTACT

FUJITSU AMERICA, INC.  
Address: 1250 East Arques Avenue Sunnyvale,  
CA 94085-3470, U.S.A.  
Telephone: 800 831 3183 or 408 746 6000  
Website: [www.fujitsu.com/us](http://www.fujitsu.com/us)  
Contact Form: [us.fujitsu.com/ContactFujitsu](http://us.fujitsu.com/ContactFujitsu)  
Have a question? Email us at: [AskFujitsu@us.fujitsu.com](mailto:AskFujitsu@us.fujitsu.com)