

Fujitsu recommends Windows 10 Pro.

# Data Sheet

## FUJITSU Notebook LIFEBOOK E459

Your Well-Equipped Everyday Partner

The FUJITSU Notebook LIFEBOOK E459 is exclusively designed for office workers needing a powerful and well-equipped notebook that offers a fair price-performance ratio. Ultimate connectivity options such as 4 G/LTE, an integrated fingerprint sensor and a modern new design help you to work efficiently wherever you are.

### Modern and robust design

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

- Slim 23.9 mm entry notebook starting at 2.04 kg and featuring a robust and new cross wave 3D textured finish
- Enjoy an ergonomic viewing experience with an anti-glare 14.0-inch or 15.6-inch HD or FHD display



### Reliable and secure performance

- New integrated area fingerprint sensor, TPM 2.0



### Best in class connectivity

Be flexible and stay productive wherever you are

- Full set of ports with a full-sized HDMI, VGA, LAN connector, Display Port and USB Type-C
- Embedded 4G/LTE enables you to access and transfer data faster

### Convenient serviceability and upgradeability

Easy access to key components to reduce upgrade time and costs

- Battery, memory, internal storage and connectivity components (LTE & WLAN) can be changed with ease



# Components

<b>Base unit</b>	LIFEBOOK E459
<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™ i7-8550U processor (1.8 GHz, up to 4.0 GHz, 8 MB) * Intel® Core™ i5-8350U processor (1.7 GHz, up to 3.6 GHz, 6 MB) Intel® Core™ i5-8250U processor (1.6 GHz, up to 3.4 GHz, 6 MB) * Intel® Core™ i3-8130U processor (2 Cores / 4 Threads, 2.2 GHz, up to 3.4 GHz, 4 MB) * Intel® Core™ i3-7020U processor (2.3 GHz, 3 MB) *
	*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
<b>Interface add on cards/components (optional)</b>	
<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>WLAN (optional)</b>	Intel® Dual Band Wireless-AC8265 11ac with integrated Bluetooth 4.2
<b>Display</b>	39.6 cm (15.6-inch), LED backlight, (HD), Anti-glare display, compound, 1,366 x 768 pixel, 500:1, 220 cd/m <sup>2</sup> 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 <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 E459
<b>General system information</b>	
<b>Chipset</b>	Integrated
<b>Supported capacity RAM (max.)</b>	32 GB

**General system information**

<b>Memory slots</b>	2 SO DIMM (DDR4, 2400 MHz)
<b>LAN</b>	10/100/1,000 MBit/s Intel® I219V
<b>BIOS version</b>	UEFI Specification 2.5
<b>BIOS features</b>	InsydeH20 Bios
<b>Audio codec</b>	Realtek ALC255 with MaxxAudio
<b>Audio features</b>	2x built-in speakers (stereo)

**Product design**

<b>Color</b>	Black
--------------	-------

**Display**

<b>Display notes</b>	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
<b>Brightness - typical</b>	HD - 220 cd/m <sup>2</sup> , FHD 250 cd/m <sup>2</sup>
<b>Contrast - typical</b>	HD - 500:1, FHD - 700:1
<b>Base unit</b>	LIFEBOOK E459
<b>TFT resolution (DisplayPort)</b>	up to 4,096 x 2,160 @ 60Hz
<b>TFT resolution (HDMI)</b>	up to 3,840 x 2,160 @ 30 Hz
<b>TFT resolution (VGA)</b>	up to 1,920 x 1,200
<b>Graphics brand name</b>	Intel® HD Graphics 620, Intel® UHD Graphics 620
<b>Graphics features</b>	3 Display Support
<b>Graphics notes</b>	Shared memory depending on main memory size and operating system

**Interfaces**

<b>DC-in</b>	1
<b>Audio: line-out / headphone</b>	1 (combo port with Audio line-in)
<b>Audio: line-in / microphone</b>	1 (combo port with Audio line-out)
<b>Internal microphones</b>	2x digital array microphones (optional)
<b>USB 3.1 Gen1 (USB 3.0) total</b>	2x Type-A (1 with Anytime USB charge functionality) 1x Type-C (with Power Delivery functionality)
<b>USB Type-C</b>	1
<b>VGA</b>	1
<b>DisplayPort</b>	1 v1.2 (exclusive with HDMI)
<b>HDMI</b>	1 v1.4
<b>Ethernet (RJ-45)</b>	1 (with status LED)
<b>Memory card slots</b>	1 - SD/microSD card : 2GB - SDHC/microSDHC card : 32GB - SDXC card : 512GB - microSDXC card : 200GB (or 128GB) Speed Class: up to UHS-I
<b>SIM card slot</b>	1 (Micro-SIM, only for models with integrated 4G/LTE module)

**Keyboard and pointing devices**

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>	v4.2
<b>WLAN encryption</b>	WEP, WPA, WPA2
<b>WLAN notes</b>	Import and usage according to country-specific regulations.

**Wireless technologies**

<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 / 65 W (3.42 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) standard AC-Adapter
<b>1st battery options</b>	Lithium polymer battery 4-cell, 50 Wh
<b>1st battery</b>	
<b>Battery features</b>	Quick Charge: 80% in 1 h
<b>Runtime 1st battery</b>	up to 12 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
-----------------------	-------------------------------------

**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 E459
<b>Model</b>	ME15A
<b>Europe</b>	CE CB
<b>Global</b>	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 6.1 in progress EPEAT® in progress (dedicated regions)
<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)
<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)

**Security**

<b>System and BIOS Security</b>	Trusted Platform Module (TPM 2.0) EraseDisk (optional)
<b>User Security</b>	Embedded fingerprint sensor (optional) Hard disk password User and supervisor BIOS password Workplace Protect (secure authentication solution)

**Warranty**

<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://support.ts.fujitsu.com/warranty">http://support.ts.fujitsu.com/warranty</a>
<b>Product Related 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://ts.fujitsu.com/Supportservice">http://ts.fujitsu.com/Supportservice</a>

## Recommended Accessories

**MicroSaver Slim 2.0**

The new Fujitsu Kensington MicroSaver 2.0 slim features the patented T-Bar locking mechanism with carbon tempered steel core cable and an external braided steel sheath. The MicroSaver slim 2.0 is available with Kensington Master Access. This security solution allows you to manage and maintain a limitless number of locks with a master key. Order Code: S26361-F1650-L202

**Sneaker Sleeve 15.6**

The Sneaker Sleeve 15.6 protects notebooks with up to 15.6-inch screens. The front half of the bag has dedicated compartments for your notebook, power cord, office supplies and personal items. The back half of the bag has an expanding, divided compartment for your files. Order Code: S26391-F1194-L501

**Prestige Case 15**

The Prestige Case 15 protects notebooks with up to 15.6-inch screens. The front half of the bag has compartments for your notebook, power cord and office supplies. Through the nylon pockets you can see your modular bay accessories. The back half of the bag has a divided file compartment.

Order Code:  
S26391-F1194-L60

**Wireless Mouse Touch WI910**

The Fujitsu Wireless Mouse Touch WI910 has a special touch sensitive surface that recognizes when your hand touches the mouse even before you move it. This provides nearly instantaneous wake-up from the intelligent energy saving sleep mode. Unbeatable responsiveness combines with features like switchable resolution, and three programmable buttons for a unique user experience.

Order Code:  
S26381-K465-L100

**Ultra Slim Portable DVD Writer  
GP60NB60**

For independent working and entertainment on your business or private trips, Fujitsu offers the small external DVD drive designed to travel with you. Upgrade your notebook or PC with this external drive and use it wherever you are.

Order Code:  
S26341-F103-L142

**Keyboard KB950 Phone**

The KB950 Phone is a modern and slim line USB keyboard with integrated Skype for business features. This extremely reliable, high-speed input device is the perfect way to manage incoming and outgoing calls, even when the system is locked. Three additional keys make it easy to accept and end calls and mute your microphone during a call. Easy number dialing is assured with the numpad. The integrated 61 x 12 mm display shows the time and date, the user status and shows incoming call data in the form of the calling number and caller ID.

S26381-F950-L4\*\* (\*\*:  
Country specific variation)

# More information

## Fujitsu products, solutions & services

In addition to FUJITSU Notebook LIFEBOOK E459, 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 E459, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
[www.fujitsu.com/fts/mobile](http://www.fujitsu.com/fts/mobile)

## 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. Changes to technical data reserved. Delivery subject to availability. Designations may be trademarks and/or copyrights of the respective manufacturer, 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/fts/resources/navigation/terms-of-use.html>  
 Copyright 2018 Fujitsu Technology Solutions GmbH

## Disclaimer

Technical data are 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 manufacturer, 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/fts](http://www.fujitsu.com/fts)  
 2018-12-18 EM-EN

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Designations may be trademarks and/or copyrights of the respective manufacturer, 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/fts/resources/navigation/terms-of-use.html>  
 Copyright 2018 Fujitsu Technology Solutions GmbH