

# Data Sheet

## FUJITSU Notebook LIFEBOOK E458

### Your Well-Equipped Everyday Partner

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The FUJITSU Notebook LIFEBOOK E458 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 4G/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 1.79 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

Protect your notebook and business data from unauthorized access at all times

- 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 E458
<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™ i7-7500U processor (2.7 GHz, up to 3.5 GHz, 4 MB) * Intel® Core™ i5-7300U processor (2.6 GHz, up to 3.5 GHz, 3 MB) Intel® Core™ i5-7200U processor (2.5 GHz, up to 3.1 GHz, 3 MB) * Intel® Core™ i3-7130U processor (2.7 GHz, 3 MB) * *Processor only for retail, SMB, education and government
<b>Processor</b>	Intel Core i7-7500U processor (2.7 GHz, up to 3.5 GHz, 4 MB) * Intel Core i5-7300U processor (2.6 GHz, up to 3.5 GHz, 3 MB) Intel Core i5-7200U processor (2.5 GHz, up to 3.1 GHz, 3 MB) * Intel Core i3-7130U processor (2.7 GHz, 3 MB) *
<b>Memory</b>	4 GB module DDR4, 2133 MHz, SO-DIMM 8 GB module DDR4, 2133 MHz, SO-DIMM 16 GB module DDR4, 2133 MHz, SO-DIMM
<b>Hard disk drives</b>	HDD SATA III, 500 GB, 5400 rpm HDD SATA III, 1 TB, 5400 rpm SSD SATA III, 256 GB M.2 SSD SATA III, 256 GB M.2 SED SSD SATA III, 512 GB M.2 SED SSD SATA III, 1 TB M.2 SED
<b>LCD Display</b>	39,6 cm (15.6") HD, Anti-Glare, 1,366 x 768 Pixel, 220 cd/m <sup>2</sup> , 500:1 39,6 cm (15.6") FHD Anti-Glare, 1920 x 1080 Pixel, 250 cd/m <sup>2</sup> , 700:1
<b>WLAN</b>	Intel Dual Band Wireless-AC8265 11ac
<b>Bluetooth</b>	v4.2
<b>3G/4G</b>	LTE Sierra Wireless EM7305 (Cat.3)
<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 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 (6GBit/s) If configured with an HDD, the drive has an integrated shock sensor.
<b>Interface add on cards/components (optional)</b>	
<b>3G/4G (optional)</b>	LTE Sierra Wireless EM7305 (Downlink speed up to 100 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,350:1,220 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>

**Multimedia**

Camera	Built-in webcam (HD) with Status LED
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# Base unit

Base unit	LIFEBOOK E458
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**General system information**

Processor	Intel® Core™ processor ( )
Chipset	Integrated in CPU
Supported capacity RAM (max.)	32 GB
Memory slots	2 DIMM (DDR4)
Memory notes	DDR4 - 2133 MHz Dual channel support. For dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same
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)

**Product design**

Color	Black
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**Display**

Display notes	ISO 9241-307 - Pixel class II HD - Viewing angle: Left/Right 40°, Top 10°, Bottom 30°; Color Gammut: 45% FHD - Viewing angle: Left/Right 80°, Top 80°, Bottom 80°; Color Gammut: 45%
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Base unit	LIFEBOOK E458
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TFT resolution (DisplayPort)	up to 4096 × 2160
TFT resolution (VGA)	up to 1,920 × 1,200
TFT resolution (DVI on Port Replicator)	up to 1,920 × 1,200
Graphics brand name	Intel® HD Graphics 620
Graphics features	3 Display Support
Graphics notes	Shared memory depending on main memory size and operating system

**Interfaces**

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) 1x Type-C (without Power Delivery functionality)
USB Type-C	1 without power delivery / without DP output
VGA	1
DisplayPort	1 (exclusive with HDMI)
HDMI	1 (exclusive with DP)
Ethernet (RJ-45)	1 (with status LED)
Memory card slots	1 microSD up to 2GB, microSDHC up to 32GB, microSDXC up to 128GB Speed Class: up to UHS-I
SIM card slot	1 (usable only with 3G/UMTS)

**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  
 Application buttons  
 Power Button

**Wireless technologies**

**Antennas** 2 Dual band WLAN antennas, 2 LTE antennas optional  
**Bluetooth** v4.2  
**WLAN encryption** WEP, WPA, WPA2  
**WLAN notes** Import and usage according to country-specific regulations.

**Power supply**

**AC Adapter** 19 V / 65 W (3.42 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) standard AC-Adapter  
**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 10 h (tbc)  
**Battery notes** Battery runtime information is based on worldwide acknowledged BAPCo® MobileMark® 2014 (office productivity). Refer to [www.bapco.com](http://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** 2.04 kg  
**Weight notes** Weight may vary depending on actual configuration  
**Operating ambient temperature** 5 - 35 °C (41 - 95 °F)  
**Operating relative humidity** 20 - 80 %

**Product**

**Compliance link** <https://sp.ts.fujitsu.com/sites/certificates>

**Additional Software**

**Additional software (preinstalled)** McAfee Multi Access Security (anti-virus and internet security software; 60 days trial version)  
 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)** LTE / UMTS Connection Manager (if configured with 4G/LTE or 3G/UMTS)  
 Microsoft Office (buy license to activate the pre-installed Microsoft Office)  
 CyberLink YouCam (webcam software)  
 Drivers & Utilities DVD (DUDVD)  
 Recovery DVD for Windows®

**Manageability**

**Manageability technology** DeskUpdate Driver management  
 PXE 2.1 Boot code  
 Wake up from S5 (off mode)  
 WoL (Wake on LAN)

**Manageability**

<b>Manageability software</b>	DeskView Client DeskView Instant BIOS 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)
<b>User Security</b>	Embedded fingerprint sensor (optional) Access protection via internal SmartCard reader (optional) Hard disk password User and supervisor BIOS password Workplace Protect (secure authentication solution)

**Warranty**

<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>Service Weblink</b>	<a href="http://ts.fujitsu.com/Supportservice">http://ts.fujitsu.com/Supportservice</a>

## Recommended Accessories

# More information

## Fujitsu OPTIMIZATION Services

In addition to FUJITSU Notebook LIFEBOOK E458, 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

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## More information

Learn more about FUJITSU Notebook LIFEBOOK E458, 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/>



**Green  
Policy  
Innovation**

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