

Data Sheet

FUJITSU Notebook LIFEBOOK E448

Your Well-Equipped Everyday Partner

The FUJITSU Notebook LIFEBOOK E448 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 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 and LAN connector 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

Base unit	LIFEBOOK E448
Operating systems	
Operating system pre-installed	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home
Processor	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
Processor	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) *
Memory	4 GB module DDR4, 2133 MHz, SO-DIMM 8 GB module DDR4, 2133 MHz, SO-DIMM 16 GB module DDR4, 2133 MHz, SO-DIMM
Hard disk drives	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
LCD Display	35,6 cm (14.0") HD, Anti-Glare 1,366 x 768 Pixel, 200 cd/m ² , 350:1 35,6 cm (14.0") FHD Anti-Glare 1,920 x 1,080 Pixel, 220 cd/m ² , 700:1
WLAN	Intel Dual Band Wireless-AC8265 11ac
Bluetooth	v4.2
3G/4G	LTE Sierra Wireless EM7305 (Cat.3)
Memory modules	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
Hard disk drives (internal)	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
Hard disk notes	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)
Interface add on cards/components (optional)	
3G/4G (optional)	LTE Sierra Wireless EM7305 (Downlink speed up to 100 Mbit/s, Uplink speed up to 50 Mbit/s)
WLAN (optional)	Intel® Dual Band Wireless-AC8265 11ac with integrated Bluetooth 4.2
Display	35.6 cm (14-inch),LED backlight,(HD),Anti-glare display,compound,1,366 x 768 pixel,350:1,200 cd/m ²
	35.6 cm (14-inch),LED backlight,(Full HD),Anti-glare IPS display,compound,1,920 x 1,080 pixel,700:1,300 cd/m ²
Multimedia	
Camera	Built-in webcam (HD) with Status LED

Base unit

Base unit	LIFEBOOK E448
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	InsydeH20 Bios
Audio type	On board
Audio codec	Realtek ALC255 with MaxxAudio
Audio features	2x built-in speakers (stereo)
Product design	
Color	Black
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%
Brightness - typical	HD - 200 cd/m2, FHD - 220 cd/m2
Base unit	LIFEBOOK E448
TFT resolution (VGA)	up to 1,920 x 1,200
TFT resolution (DVI on Port Replicator)	up to 1,920 x 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	
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) 1x Type-C (without Power Delivery functionality)
USB Type-C	1 without power delivery / without DP output
VGA	1
HDMI	1
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 4G/LTE)

Keyboard and pointing devices

Keyboard w/o touchstick (spill-resistant)
 Number of keyboard keys: 85, 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 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) 333.6 x 234 x 23.9 mm
 13.13 x 9.21 x 0.94 inch
Weight 1.79 kg
Weight notes Weight may vary depending on actual configuration
Operating ambient temperature 5 - 35 °C (41 - 95 °F)
Operating relative humidity 20 - 80 %

Compliance

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

Manageability software DeskView Client
 DeskView Instant BIOS 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)
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Manageability link	http://www.fujitsu.com/fts/manageability
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Security

System and BIOS Security	Optional: Trusted Platform Module (TPM 2.0) EraseDisk (optional) Credential Guard Ready and Device Guard Capable (Windows 10, v. 1511)
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User Security	Embedded fingerprint sensor (optional) Access protection via internal SmartCard reader (optional) Hard disk password User and supervisor BIOS password Workplace Protect (secure authentication solution)
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Warranty

Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty
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Product Related Services - the perfect extension

Recommended Service	9x5, Onsite Response Time: Next Business Day
Service Weblink	http://ts.fujitsu.com/Supportservice

Recommended Accessories

More information

Fujitsu OPTIMIZATION Services

In addition to FUJITSU Notebook LIFEBOOK E448, 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 E448, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
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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