Fujitsu recommends Windows 10 Pro.

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

Fujitsu recommends Windows 10 Pro.

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) *
	Intel® Core™ i3-7020U processor (2.3 GHz, 3 MB) *
	*Processor only for retail, SMB, education and government
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/m²
	35.6 cm (14-inch),LED backlight,(Full HD),Anti-glare IPS display,compound,1,920 x 1,080 pixel,700:1,220 cd/m²
Multimedia	
Camera	Built-in webcam (HD) with Status LED
Camera notes	720p, 1 megapixels, 1280 x 720
Microphone	dual digital array microphone

Base unit

Base unit	LIFEBOOK E448
General system information	
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® I219V

General system information	
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 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 - 200 cd/m2, FHD - 220 cd/m2
Contrast - typical	HD - 350:1, FHD - 700:1
Base unit	LIFEBOOK E448
TFT resolution (HDMI)	up to 3,840 x 2,160 @ 30 Hz
TFT resolution (VGA)	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 v1.4
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 (Micro-SIM, 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

Power supply	
Runtime 1st battery	up to 12 h
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 (lbs)	3,94 lbs
Weight notes	Weight may vary depending on actual configuration
Operating ambient temperature	5 - 35 °C (41 - 95 °F)
Operating relative humidity	20 - 80 %
Compliance	
Product	LIFEBOOK E448
Model	ME14A
Europe	CE CB
Global	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)
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)	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)
Manageability link	http://www.fujitsu.com/fts/manageability

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)
User Security	Embedded fingerprint sensor (optional) Hard disk password User and supervisor BIOS password Workplace Protect (secure authentication solution)

Warranty	
Warranty period	1 year (for countries in EMEIA)
Warranty type	Bring-in Service / Collect & Return Service (depending on country)
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty
Product Related Services - the perfect extension	
Recommended Service	- 9x5, Onsite Response Time: Next Business Day
Spare Parts availability	5 years after end of product life
Service Weblink	htttp://ts.fujitsu.com/Supportservice

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

Order Code:
S26391-F1194-L120

Pro Green Backpack 14



The FUJITSU Pro Green Backpack 14 protects notebooks and tablets with displays measuring up to 14 inches. It features a roomy main compartment with a padded notebook slot and pockets with separate areas for smaller items like power adapters and office supplies to keep you organized. One small front pocket and two zipped side pockets complete the backpack. Padded shoulder straps, a padded top handle and back cushioning provide pleasant carrying comfort when you're on the move. The backpack's elegant design and recyclable material will impress everyone who sees it.

Order Code:
S26391-F1194-L82

Wireless Mouse WI200



The Wireless Mouse WI200 uses the latest wireless 2.4 GHz technology, and a high-resolution 1000 dpi optical sensor to give you the precision and reliability you need. Sporting a compact design with a stylish black finish, the WI200 wireless mouse is well suited to all environments and to each user whether right or left handed.

Order Code:
S26381-K462-L100

UC&C USB Value Headset



The FUJITSU UC&C USB Value Headset is a lightweight bi-aural full-size stereo headset with high wearing comfort. This Lync-tested USB-Headset has an appropriate Inline-Controller which supports easy call management. A noise cancelling microphone facilitates undisturbing clear phone calls.

Order Code:
S26391-F7139-L20

Wireless Keyboard Set LX901



The Wireless Keyboard LX901 is a top of the line desktop solution for lifestyle orientated customers, who want only the best for their desk. This superb keyboard set offers ambitious users more functions, security and better features than a conventional interface device. It even includes 2.4 GHz technology and 128 AES encryption.

S26381-K565-L4** (**: Country specific variation)

More information

Fujitsu products, solutions & 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



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