

Fujitsu recommends Windows 10 Pro.

# Data Sheet

## FUJITSU Notebook LIFEBOOK E544

### Reliable Business Performer

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The FUJITSU Notebook LIFEBOOK E544 with a 35.6 cm (14.0-inch) display at a weight of 1.9 kg (4.2 lbs) is the reliable notebook for corporate environments when looking for an efficient mobile performer. It comes with comprehensive business feature-set, including port replicator and modular bay options, in combination with excellent security and top connectivity.

#### Reliable and secure performance

Corporate notebooks meeting various demands.

- Perfect package of comprehensive business feature-sets and reliable performance at a competitive price.

#### Two form factors - one design

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

- LIFEBOOK E5 Series includes a 35.6 cm (14.0-inch) and a 39.6 cm (15.6-inch) notebook to best meet the needs of various daily business routine.

#### Family Concept

Decreased expenses and reduced complexity.

- Same BIOS and mainboard as LIFEBOOK E554, shared components and accessories such as port replicator and modular bay elements. Port replicator even shared across 8 devices in the LIFEBOOK notebook, 2 in 1 tablet and mobile workstation.

#### Different high-capacity battery packs

Long lasting performance for extra working hours.

- Three different high-capacity battery packs to choose from to support efficient working hours in business environments.



# Components

Base unit	LIFEBOOK E544 HM86
<b>Operating systems</b>	
Operating system	Windows 8.1 Pro 64-bit Windows 8.1 64-bit Windows 7 Professional 64-bit
Operating system compatible	Windows 10 Pro (license + recovery media only) Windows 8 64-bit Windows 8 32-bit Windows 7 Professional 32-bit
Operating system notes	Certified for SUSE Enterprise Desktop
Processor	Intel® Core™ i7-4712MQ processor (2.3 GHz, up to 3.3 GHz, 6 MB) * *Processor only for retail, SMB, education and government
Memory modules	2 GB (1 module(s) 2 GB) DDR3 L, 1,600 MHz, PC3-12800, SO DIMM 4 GB (1 module(s) 4 GB) DDR3 L, 1,600 MHz, PC3-12800, SO DIMM 8 GB (1 module(s) 8 GB) DDR3 L, 1,600 MHz, PC3-12800, SO DIMM
Hard disk drives (internal)	SSHD, 5,400 rpm, 500 GB / 8 GB SSD Cache, 2.5-inch, S.M.A.R.T. SSD SATA III, 256 GB, 2.5-inch SSD SATA III, 128 GB, 2.5-inch SATA, 7,200 rpm, 500 GB, 2.5-inch, S.M.A.R.T. SATA, 5,400 rpm, 500 GB, 2.5-inch, S.M.A.R.T. SATA, 5,400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.
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)
Modular bay options	2nd hard disk drive DVD Super Multi Weight saver
<b>Interface add on cards/components (optional)</b>	
3G/4G (optional)	Sierra Wireless EM8805 (Downlink speed 42 Mbit/s, Uplink speed 5.76 Mbit/s) LTE Sierra Wireless EM7305 (Downlink speed up to 100 Mbit/s, Uplink speed up to 50 Mbit/s)
WLAN (optional)	Intel® Wireless-N 7260 2x2 b/g/n with integrated Bluetooth 4.0 Intel® Dual Band Wireless-N7260NV ac with integrated Bluetooth 4.0
Display	35.6 cm (14-inch), LED backlight, (HD+), Anti-glare display, compound, 1,600 x 900 pixel, 400:1, 250 cd/m² 35.6 cm (14-inch), LED backlight, (Full HD), Anti-glare IPS display, compound, 1,920 x 1,080 pixel, 700:1, 300 cd/m²
<b>Multimedia</b>	
Camera	Optional: Built-in webcam, HD (Microsoft® Lync™)      Built-in webcam, HD (Microsoft® Lync™)

## Base unit

Base unit	LIFEBOOK E544 HM86
<b>General system information</b>	
Chipset	Intel® HM86

**General system information**

Supported capacity RAM (max.)	16 GB
Memory slots	2 DIMM (DDR3L)
Memory notes	DDR3L – 1,600 MHz
LAN	10/100/1,000 MBit/s Realtek RTL8111G
BIOS features	BIOS based on Phoenix SecureCore
Audio type	On board
Audio codec	Realtek ALC3233
Audio features	Stereo speakers, DTS Boost™ - maximizes acoustic power of your notebook by boosting perceived overall level of the mix

**Display**

Display notes	ISO 9241-307 - Pixel class II Viewing angle: Left/Right 45°, Top 15°, Bottom 35°; Color Gammut: 45%
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**Graphics**

Base unit	LIFEBOOK E544 HM86
TFT resolution (DisplayPort)	up to 2,560 x 1,600
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 4600
Graphics notes	Shared memory depending on main memory size and operating system

**Interfaces**

DC-in	1
Audio: line-out / headphone	1
Audio: line-in / microphone	1
Internal microphones	2x digital microphones (array)
USB 3.1 Gen1 (USB 3.0) total	3 (1 with Anytime USB Charge functionality)
VGA	1
DisplayPort	1
Ethernet (RJ-45)	1
Memory card slots	1
SmartCard slot	1 (optional)
SIM card slot	1 (only for models with integrated 3G/UMTS or 4G/LTE module)

**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	4
DisplayPort	2 - 1 DP (next to DVI) is shared with DVI, works when DVI not connected
VGA	1
DVI	1 - shared with DP (next to DVI) - works when DP (next to DVI) not connected
Ethernet (RJ-45)	1 (10/100/1000)
Kensington Lock support	1 (Portrep & System)
eSATA	1
Notes	Port replicator supports 0-Watts functionality

**Keyboard and pointing devices**

Standard keyboard w/o touchstick (spill-resistant)  
 Number of keyboard keys: 85, Keyboard pitch: 19.0 mm, Keyboard stroke: 1.7 mm  
 Touchpad with two mouse buttons  
 Status LED  
 Application buttons  
 Power Button

**Wireless technologies**

<b>Antennas</b>	2 Dual band WLAN antennas, 2 UMTS/LTE antennas optional
<b>Bluetooth</b>	v4.0
<b>WLAN encryption</b>	WEP, WPA, WPA2
<b>WLAN notes</b>	Import and usage according to country-specific regulations.
<b>WiDi support</b>	Yes (with Intel W-LAN)

**Power supply**

<b>AC Adapter</b>	19 V / 65 W (3.42 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) slim and light AC-Adapter 19 V / 80 W (4.22 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) 0-Watt AC Adapter technology 19 V / 65 W (3.42 A), 100 V - 240 V, 50 Hz - 60 Hz, Standard AC-Adapter, 0.250 kg, 108x46x30 mm 19 V / 80 W (4.22 A), 100 V - 240 V, 50 Hz - 60 Hz, 0-Watt AC Adapter technology, 0.340 kg, 140x56x28 mm 19 V / 90 W (4.74 A), 100 V - 240 V, 50 Hz - 60 Hz, (grounded) AC-Adapter
<b>1st battery options</b>	Li-Ion battery 6-cell, 5,600/5,800 mAh, 63 Wh Li-Ion battery 6-cell, 6,400/6,700 mAh, 72 Wh Li-Ion battery 6-cell, 4,500 mAh, 49 Wh
<b>Runtime 1st battery</b>	up to 11h 20 min, Bapco®MobileMark2007 Productivity Workload, Win7 OS

**Noise emission**

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

<b>Dimensions (W x D x H)</b>	338 x 231 x 25.1 - 31.4 mm 13.3 x 9.09 x 0.98 - 1.23 inch
<b>Weight</b>	from 1.9 kg
<b>Weight (lbs)</b>	from 4.2 lbs
<b>Weight notes</b>	Incl. weight saver. 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 with standards**

<b>Europe</b>	CE CB
<b>Global</b>	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) ENERGY STAR® 6.0 EPEAT® Gold (dedicated regions) Microsoft Operating Systems (HCT / HCL entry / WHQL)
<b>Compliance link</b>	<a href="http://globalsp.ts.fujitsu.com/sites/certificates">http://globalsp.ts.fujitsu.com/sites/certificates</a>

**Additional Software**

<b>Additional software (preinstalled)</b>	Adobe® Reader® (pdf reader) Fujitsu LIFEBOOK Application Panel Fujitsu Display Manager Power Saving Utility Fujitsu Plugfree Network (network management utility) EasyGuide online user documentation McAfee Multi Access Security (anti-virus and internet security software; 60 days trial version) Microsoft Office (buy license to activate the pre-installed Microsoft Office) Win7: Fujitsu Recovery (hard disk based recovery) Win8.1: Microsoft Push Button Recovery (hard disk based recovery)
<b>Additional software (optional)</b>	Drivers & Utilities DVD (DUDVD) LTE / UMTS Connection Manager (if configured with 4G/LTE or 3G/UMTS) CyberLink Power2Go DVD (playback software for DVD) CyberLink YouCam (webcam software)

**Manageability**

<b>Manageability technology</b>	DeskUpdate Driver management PXE 2.1 Boot code Wake-on-LAN Wake up from S5 (off mode)
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**Manageability**

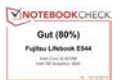
<b>Manageability software</b>	DeskView Client DeskView Instant BIOS Management
<b>DeskView components</b>	BIOS Management Alarm Management Driver Management Security Management Inventory Management
<b>Supported standards</b>	WMI (Windows Management Instrumentation) PXE (Preboot Execution Environment) DMI (Desktop Management Interface) WBEM (Web Based Enterprise Management) 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>Physical Security</b>	Kensington Lock support
<b>System and BIOS Security</b>	Absolute Persistence® technology capable BIOS EraseDisk (optional) Optional: Trusted platform module (TPM 1.2)
<b>User Security</b>	Hard disk password Access protection via internal SmartCard reader (optional) User and supervisor BIOS password Workplace Protect (secure authentication solution) Embedded fingerprint sensor (optional) Smartcard reader (optional) SystemLock 3 SmartCard Security (optional): BIOS based pre-boot/ two-factor authentication for high level of access protection

**Warranty**

<b>Warranty period</b>	1 year (for countries in EMEA)
<b>Warranty type</b>	Collect & Return Service / Bring-in 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 Support 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>



Notebookcheck.com

Notebookcheck test result: good,  
FUJITSU Notebook LIFEBOOK  
E544,  
Notebookcheck.com - Germany  
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## Recommended Accessories

**Port Replicator for LIFEBOOK  
U745, T7, E5, E7 Series and  
CELSIUS H730, H760**



Flexibility, expandability, desktop replacement, investment protection – to name just a few benefits of Fujitsu's docking options.

Order Code:  
S26391-F1337-L109

**AC Adapter LIFEBOOK or  
STYLISTIC**



Recharge your notebook or tablet at work, at home or on the road with a second power source easily. Depending on your device you can choose from various AC Adapters ranging from a 2-pin or 3-pin, a slim and light or standard adapter, or even the innovative 0-Watt AC Adapter.

Order Code:  
S26391-F1386-L510

**Prestige Pro Backpack 14**



The Fujitsu Prestige Pro Backpack 14 protects your belongings with a touch of luxury. It features a roomy main compartment with a padded notebook slot 35.6 cm (14-inch) and pockets with separate areas for smaller items to keep you organized. Real leather straps keep you comfortable on the go, while making a great impression.

Order Code:  
S26391-F1191-L82

**Weight Saver for Modular Bay**



When you are on the road sometimes it's important to economize on the weight of your notebook. Your Fujitsu LIFEBOOK's modular bay grants you the flexibility to use a Weight Saver to minimize the weight of your notebook when you don't need your other modular bay accessories.

Order Code:  
S26391-F1244-L400

**Second Hard Disk Drive or SSD  
Carrier for Modular Bay**



Modern business generates more and more data everyday so you may find yourself needing some extra storage space for critical data. Extend your storage with this 2nd HDD or SSD option by simply sliding this carrier into the modular bay slot on your Fujitsu LIFEBOOK. Choose the storage capacity to suit your needs and order separately from the list of options.

Order Code:  
S26391-F1244-L709

**Wireless Notebook Mouse  
WI610**



The Wireless Notebook Mouse WI610 uses the latest wireless 2.4 GHz technology, and an ultra-high resolution switchable sensor to give you the precision and reliability you need (1000/1500/2000 dpi). Sporting a stylish silver-black finish, the WI610 wireless mouse is well suited to all environments.

Order Code:  
S26381-K460-L100

# More information

## Fujitsu OPTIMIZATION Services

In addition to FUJITSU Notebook LIFEBOOK E544, 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 E544, 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>



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Fujitsu Technology Solutions GmbH  
Website: [www.fujitsu.com/fts](http://www.fujitsu.com/fts)  
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