

Fujitsu recommends Windows.

# Data Sheet

## FUJITSU LIFEBOOK E544

### Notebook

#### Reliable Business Performer

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The FUJITSU Notebook LIFEBOOK E544 with a 35.6 cm (14-inch) display at a weight of 1.9 kg (4.19 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 E Series includes a 14-inch and a 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 the LIFEBOOK E Line (LIFEBOOK E754, E744 and E734).

#### 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

<b>Processor</b>	Intel® Core™ i7-4712MQ processor (2.3 GHz, up to 3.3 GHz, 6 MB) *
	Intel® Core™ i5-4210M processor (2.6 GHz, up to 3.2 GHz, 3 MB) *
	Intel® Core™ i3-4100M processor (2.5 GHz, 3 MB) *
	Intel® Core™ i3-4000M processor (2.4 GHz, 3 MB) *
	Intel® Core™ i5-4310M processor (2.7 GHz, up to 3.4 GHz, 3 MB)
*Processor only for retail, SMB, education and government	
<b>Operating systems</b>	
<b>Operating system</b>	Windows 7 Professional 64-bit Windows 8.1 Pro 64-bit Windows 8.1 64-bit
<b>Operating system compatible</b>	Windows 7 Professional 32-bit Windows 8 64-bit
<b>Memory modules</b>	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
<b>Hard disk drives (internal)</b>	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.
<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 HDD interface: S-ATA III (6GBit/s)
<b>Modular bay options</b>	2nd hard disk drive
	DVD Super Multi
	Weight saver
<b>Interface add on cards/components (optional)</b>	
<b>3G/4G (optional)</b>	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)
<b>WLAN (optional)</b>	Intel® Wireless-N 7260 2x2 b/g/n with integrated Bluetooth 4.0 Intel® Dual Band Wireless-N7260NV ac with integrated Bluetooth 4.0
<b>Display</b>	35.6 cm (14-inch), LED backlight, (HD+), Anti-glare display, compound, 1,600 x 900 pixel, 400:1, 250 cd/m <sup>2</sup>
	35.6 cm (14-inch), LED backlight, (HD), Anti-glare display, compound, 1,366 x 768 pixel, 350:1, 200 cd/m <sup>2</sup>
<b>Multimedia</b>	
<b>Camera</b>	Built-in webcam, HD (Microsoft® Lync™)

## Base unit

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

**General system information**

Memory slots	2 DIMM (DDR3L)
Supported capacity RAM (max.)	16 GB
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%; HD=200cd, HD+=250cd
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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 3.0 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 3.0 total	4
DisplayPort	2 (up to 2560 x 1600) - 1 DP (next to DVI) is shared with DVI, works when DVI not connected
VGA	1 (up to 1920 x 1200)
DVI	1 (up to 1920 x 1200) - 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**

Isolation keyboard  
 Number of keyboard keys: 86, Keyboard pitch: 19.0 mm, Keyboard stroke: 1.7 mm  
 Touchpad with two mouse buttons  
 Status LED  
 Application buttons  
 Power Button  
 Optional: Fingerprint sensor

**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, 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
<b>Battery notes</b>	Battery runtime information is based on worldwide acknowledged BAPCO Mobile Mark 2007 Benchmark (readers mode e.g. surfing the internet, writing E-mails, viewing documents) which 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 slightly decreases with every charging cycle and over the lifetime.

**Dimensions / Weight / Environmental**

<b>Dimensions (W x D x H)</b>	338 x 231 x 25.1 - 31.4 mm
<b>Weight</b>	1.9 kg
<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% RH (relative humidity)

**Compliance with standards**

<b>Global</b>	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) ENERGY STAR® in progress EPEAT® in progress (dedicated regions)
<b>Compliance link</b>	<a href="http://globalsp.ts.fujitsu.com/sites/certificates">http://globalsp.ts.fujitsu.com/sites/certificates</a>

**Additional Software**

<b>Security software</b>	McAfee Multi Access Security (anti-virus and internet security software; 60 days trial version)
<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
<b>Additional software (optional)</b>	Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS)

**Manageability**

<b>Manageability technology</b>	DeskUpdate Driver management PXE 2.1 Boot code Wake-on-LAN Wake up from S5 (off mode)
<b>Manageability software</b>	DeskView Client DeskView Instant BIOS Management
<b>DeskView components</b>	BIOS Update (Desk Flash) BIOS Management Alarm Management Driver Management Security Management
<b>Supported standards</b>	WMI PXE

Security	
Physical Security	Kensington Lock support
System and BIOS Security	Computrace® ready BIOS EraseDisk (optional) Optional: Trusted platform module (TPM 1.2) Advanced Theft Protection (Computrace® only)
User Security	Hard disk password Access protection via internal SmartCard reader (optional) User and supervisor BIOS password Workplace Protect (secure authentication solution)

Warranty	
Standard Warranty	2 years (depending on country)
Warranty Terms & Conditions	<a href="http://support.ts.fujitsu.com/warranty">http://support.ts.fujitsu.com/warranty</a>
<b>Maintenance and Support Services - the perfect extension</b>	
Recommended Service	9x5, Response Time: Next Business Day
Spare Parts availability	5 years after end of product life
Service Weblink	<a href="http://www.fujitsu.com/fts/services/support">http://www.fujitsu.com/fts/services/support</a>

## Recommended Accessories

Port Replicator for LIFEBOOK E Series (E753, E743, E733, E754, E744, E734, E554 and E544) and CELSIUS H730



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

Order Code:  
S26391-F1337-L100

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-F1386-L510

Order Code:  
S26391-F1191-L82

Wireless Notebook Mouse W1610



The Wireless Notebook Mouse W1610 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 W1610 wireless mouse is well suited to all environments.

Order Code:  
S26391-F1244-L400

Order Code:  
S26391-F1244-L700

Order Code:  
S26381-K460-L100

# More information

## Fujitsu OPTIMIZATION Services

In addition to FUJITSU 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/services/computing/](http://www.fujitsu.com/global/services/computing/)

### Software

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## More information

Learn more about FUJITSU 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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