

Data Sheet

FUJITSU Notebook LIFEBOOK E544

Reliable Business Performer

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		
Operating systems			
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) *		
	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		
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 HDD interface: S-ATA III (6GBit/s)		
Modular bay options			
	2nd hard disk drive		
	DVD Super Multi		
	Weight saver		
Interface add on cards/components (optional)			
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/m ²		
	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	Optional: Built-in webcam, Full HD (2,073 megapixel) (Microsoft® Lync™)	Optional: Built-in webcam, HD (Microsoft® Lync™)	Built-in webcam, HD (Microsoft® Lync™)

Base unit

Base unit	LIFEBOOK E544 HM86
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General system information

Chipset	Intel® HM86
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 3.0 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 - 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

Spill-resistant standard keyboard w/o touchstick
 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

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

Power supply

AC Adapter 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
1st battery options 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
Runtime 1st battery up to 11h 20 min, Bapco®MobileMark2007 Productivity Workload, Win7 OS

Noise emission

Noise emission Please refer to the Eco Declaration

Dimensions / Weight / Environmental

Dimensions (W x D x H) 338 x 231 x 25.1 - 31.4 mm
 13.3 x 9.09 x 0.98 - 1.23 inch
Weight from 1.9 kg
Weight (lbs) from 4.2 lbs
Weight notes Incl. weight saver. Weight may vary depending on actual configuration.
Operating ambient temperature 5 - 35 °C (41 - 95 °F)
Operating relative humidity 20 - 80 %

Compliance with standards

Europe CE
 CB
Global 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)
Compliance link <http://globalsp.ts.fujitsu.com/sites/certificates>

Additional Software

Additional software (preinstalled) 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)

Additional Software

Additional software (optional)	Drivers & Utilities DVD (DUDVD) Connection manager (optional with 4G/LTE or 3G/UMTS) CyberLink PowerDVD DVD (playback software for DVD) CyberLink YouCam (webcam software)
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Manageability

Manageability technology	DeskUpdate Driver management PXE 2.1 Boot code Wake-on-LAN Wake up from S5 (off mode)
Manageability software	DeskView Client DeskView Instant BIOS Management
DeskView components	BIOS Management Alarm Management Driver Management Security Management Inventory Management
Supported standards	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)
Manageability link	http://www.fujitsu.com/fts/manageability

Security

Physical Security	Kensington Lock support
System and BIOS Security	Absolute Persistence® technology capable BIOS EraseDisk (optional) Optional: Trusted platform module (TPM 1.2)
User Security	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

Warranty period	1 year (for countries in EMEA)
Warranty type	Collect & Return Service / Bring-in Service (depending on country)
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty

Product Support 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	http://ts.fujitsu.com/Supportservice

**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



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 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:
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/

Software

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

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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CONTACT

Fujitsu Technology Solutions GmbH
Website: www.fujitsu.com/fts
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