

Components

Fujitsu recommends Windows.

Processor	4th Generation Intel® Core™ i3-4000M (3 MB, up to 2.4 GHz) * 4th Generation Intel® Core™ i3-4100M (3MB, up to 2.5 GHz) * 4th Generation Intel® Core™ i5-4210M (3MB, up to 3.2 GHz) * 4th Generation Intel® Core™ i5-4310M (3MB, up to 3.4 GHz) 4th Generation Intel® Core™ i7-4712MQ processor (6 MB, up to 3.3 GHz) * *Processor only for education, government, retail and SMB
Software	
Operating systems	Windows® 7 Professional 64-bit Windows 8.1 Pro 64-bit Windows 8.1 64-bit
Additional Software	
Security software	McAfee Multi Access (anti-virus and internet security software; 60 days trial version)
Additional software (preinstalled)	Adobe® Reader®, Conduciv ExpressCache, CyberLink® PowerDirector, CyberLink® MakeDisc, CyberLink® PowerDVD, Cyberlink® YouCam®, Dolby DTS Boost, Fujitsu Disc Burning Utility, Fujitsu Display Manager, Fujitsu Function Manager, Fujitsu HotKey Utility, Fujitsu Mobility Center, Fujitsu Power Saving Utility, Intel® Wireless Display Utility, LIFEBOOK Application Panel, Microsoft® Office 2013 Trial, Roxio® Creator, Anytime USB Charge application, Fingerprint sensor application, TPM application.
Additional software (optional)	Microsoft® Office Home & Student 2013
Memory modules	2 GB DDR3L, 1600 MHz, PC3-12800, SO DIMM 4 GB DDR3L, 1600 MHz, PC3-12800, SO DIMM 8 GB DDR3L, 1600 MHz, PC3-12800, SO DIMM
Hard disk drives¹ (internal)	500 GB (5400 rpm) Hybrid hard drive with 8GB Cache, 128 GB Solid State Drive -With and without TCG Opal Compliant Self-encrypted Drive (SED) 256 GB Solid State Drive 320 GB (5400 rpm) hard drive - With and without TCG Opal Compliant Self-encrypted Drive (SED) 500 GB (5400 rpm) hard drive (All SSD drives support Intel® RST Technology)
Modular Bay	DVD Super Multi, Weight saver 2nd hard disk drive optional
Interface add on cards/components (optional)	
WLAN (optional)	Intel® Centrino® Wireless-N 7260 2x2 b/g/n with integrated Bluetooth® 4.0 Intel® Dual Band Wireless-AC 7260 2x2 ac/a/b/g/n with integrated Bluetooth® 4.0
Display	(14-inch), LED backlight, (HD+), Anti-glare display, compound, 1,600 x 900 pixel, 300:1, 220 cd/m ² (14-inch), LED backlight, (HD), Anti-glare display, compound, 1,366 x 768 pixel, 300:1, 220 cd/m ²
Multimedia	
Camera	Built-in webcam, HD

Base Unit

Fujitsu recommends Windows.

Base unit	LIFEBOOK E544 HM86
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General system information

Chipset	Intel® HM86
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

Graphics

Base unit	LIFEBOOK E554 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 ² functionality)
VGA	1
DisplayPort	1
Ethernet (RJ-45)	1
Memory card slots	1
SmartCard slot	1 (optional)

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
 Touchpad with two mouse buttons
 Status LED
 Application buttons
 Power Button

Technical details

Fujitsu recommends Windows.

Wireless technologies

Antennas	2 Dual band WLAN antennas
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, Standard AC-Adapter, 0.55 lb. (0.250 kg), 4.25x1.81x1.18in. (108x46x30 mm) 19 V / 80 W (4.22 A), 100 V - 240 V, 50 Hz - 60 Hz, 0-Watt AC Adapter technology, 0.75lb. (0.340kg), 5.1x2.20x1.10 in. (140x56x28 mm) 19 V / 90 W (4.74 A), 100 V - 240 V, 50 Hz - 60 Hz, 2-pin (grounded) AC-Adapter
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Battery

1st battery options ³	Main Li-Ion battery 6-cell, 5,800 mAh, 63 Wh High Capacity Li-Ion battery 6-cell, 6,700 mAh, 72 Wh Li-Ion battery 6-cell, 4,500 mAh, 49 Wh.
Runtime main battery	Up to 9 hours, 40 minutes with HDD
Runtime high capacity battery	Up to 11 hours, 20 minutes with HDD

Dimensions / Weight / Environmental

Dimensions (W x D x H)	13.23x9.05x0.99 / 1.24in. (336 x 230 x 25.1 / 31.4mm)
Weight	4.19 lbs. (1.9 kg)
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% RH (relative humidity)

Compliance

FCC Part 15B Class B and FCC Part 15C; FCC Part 15E; FCC Part 22/24/27; IC ICES-003 Class B and RSS-210; UL-cUL Listed; CE Marking; CB Generic Report, RF Human exposure Standard; ENERGY STAR® Qualified

Additional Software

Additional software (optional)	Drivers & Utilities DVD (DUDVD)
User Security	User and supervisor BIOS password, Hard disk password, Lock slot, Computrace® enabled BIOS, TPM (optional), Integrated Fingerprint Sensor (optional), Integrated Smart Card slot (optional)

Warranty⁴

Standard Warranty	One Year International Limited Warranty, 24/7 technical support; Fujitsu extended service plans available
Service Weblink	http://www.fujitsu.com/us/support

Recommended Accessories

	Main Battery
	High Capacity Battery
	Port Replicator
	Carrying Case
	Modular Hard Drive Kit
	Auto/Air AC Adapter

Notes

- 1) One gigabyte (GB) = one billion bytes; accessible capacity will be less and actual capacity depends on the operating environment and formatting.
- 2) Some USB devices (e.g. mobile telephones) require a driver in order to utilize the USB charging function. In this case the USB charging function will not work when the notebook is switched off, as no drivers are active when the notebook is switched off. Battery life tested using MobileMark 2007 and Windows® 7 operating system, and may include audio muted and power saving utility enabled. Battery life will vary depending on the product configuration, product model, application loaded on the product, power management settings on the product, Operating System, and the product features used by the customer. As with all batteries, the maximum capacity of the installed batteries will decrease with time, usage, and how often the batteries are charged by the user.
- 3) Battery life tested using MobileMark 2007 Productivity Workload. Battery life will vary depending on the product configuration, product model, application loaded on the product, power management settings on the product, Operating System, and the product features used by the customer. As with all batteries, the maximum capacity of the installed batteries will decrease with time, usage, and how often the batteries are charged by the user.
- 4) Service and warranty turnaround time may vary by country and product. The International warranty is only valid for products purchased in North, Central, and South America.

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PRIMERGY Servers

www.fujitsu.com/global/services/computing/

- PRIMERGY: Industrial standard server
- SPARC Enterprise: UNIX server
- PRIMEQUEST: Mission-critical IA server
- ETERNUS: Storage system

Software

www.fujitsu.com/software/

- Interstage:
Application infrastructure software
- Systemwalker:
System management software

More information

For more information, please visit:

<http://solutions.us.fujitsu.com/>

For Information on our Intel based PRIMERGY Servers:

<http://solutions.us.fujitsu.com/www/content/products/servers/primergy/index.php>

For Information on our Enterprise Storage:

<http://solutions.us.fujitsu.com/www/content/products/storage/ETERNUS/index.php>

For Information on our SPARC®

Enterprise Servers:

http://solutions.us.fujitsu.com/www/products_sparc.shtml?products/servers/sparc/index

For Information on the new

PRIMEQUEST® Servers:

<http://solutions.us.fujitsu.com/www/content/products/servers/primequest/>

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 resolve issues of environmental energy efficiency through IT. Please find further information at: www.fujitsu.com/global/about/environment/



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