

Windows®. Life without Walls™.
Fujitsu recommends Windows 7.

Data Sheet

Fujitsu LIFEBOOK E780

Notebook

The Mobile Top Performer

The simple philosophy behind LIFEBOOK E780: only the best is good enough. State-of-the-art Intel® technology and an optional NVIDIA® graphics card ensure brilliant graphics and best performance. This 39.6cm (15.6-inch) notebook supports HD or HD+ display with LED backlight. With features like fingerprint and Fujitsus Advanced Theft Protection (ATP) your notebook is secured from any data theft.

More than enough performance

Maximum productivity even for the most demanding of applications thanks to state-of-the-art technology.

- Intel®Core™ i5 or i7 processor, Intel®vPro™ technology, optional high-performance NVIDIA® graphics card

Ideal substitute for a desktop

Effective working even for the most demanding of users in all situations.

- 39.6 cm (15.6-inch) HD or HD+ display, modular bay, optional second 500GB hard disk drive

Maximum connectivity

Be available wherever you are; wireless connectivity anytime anywhere, even if there is no hotspot nearby.

- Integrated DisplayPort, eSATA, serial port, optional integrated 3G/UMTS, WLAN and Bluetooth

Maximum security

Protect your company data against unauthorized third-party access.

- Benefit from our end-to-end anti-theft concept with system and user protection, such as Computrace® enabled BIOS and Advanced Theft Protection, integrated SmartCard slot, optional fingerprint sensor, TPM module and SmartCase Logon+

Great flexibility

The family concept offers standard accessory components for LIFEBOOK E780 and S710.

- Standardized port replicator, power supply unit, keyboard and modular bay for optical drive, second battery or second hard disk drive



Components

Processor	Intel® Core™ i7-640M processor (2.80 GHz, 4 MB)		
	Intel® Core™ i5-560M processor (2.66 GHz, 3 MB)		
	Intel® Core™ i5-460M processor (2.53 GHz, 3 MB) *		
	Intel® Core™ i3-380M processor (2.53 GHz, 3 MB) *		
	Intel® Core™ i3-370M processor (2.40 GHz, 3 MB) *		
Operating system			
Operating system	Genuine Windows® 7 Professional 64-bit		
Operating system compatible	Genuine Windows® XP Professional		
Operating system notes	Driver support for Microsoft® Windows® XP	Driver support for Microsoft® Windows® XP Dependent on configuration Windows 7® versions are: Microsoft Office 2007 ready Buy Microsoft® Office 2010 to use the full-featured Office software on this PC.	
Memory modules			
	2 GB (1 module(s) 2 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM		
	4 GB (1 module(s) 4 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM		
Base unit memory	LIFEBOOK E780 Intel graphics	LIFEBOOK E780 Intel® graphics	LIFEBOOK E780 NVIDIA® graphics
Supported capacity RAM (min.)	2 GB		
Supported capacity RAM (max.)	8 GB		
Memory slots total	2		
Memory slot type	DIMM (DDR3)		
Memory notes	DDR3 1333 MHz will be clocked with 1066 MHz in combination with Intel® dual Core processors.		
Hard disk drives (internal)			
	SSD SATA, 128 GB, 2.5-inch, S.M.A.R.T.		
	SATA, 7200 rpm, 500 GB, 2.5-inch, S.M.A.R.T.		
	SATA, 7200 rpm, 160 GB, 2.5-inch, S.M.A.R.T.		
	SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.		
	SATA, 5400 rpm, 160 GB, 2.5-inch, S.M.A.R.T.		
	FDE, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.		
Hard disk notes	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software		
WLAN (optional)			
	Atheros Minicard b/g/n		
	Intel® Centrino® 6200 802.11 a/b/g/n		
Wireless technologies			
Antennas	2 Dual band WLAN antennas, 2 UMTS antenna		
WLAN notes	Import and usage according to country-specific regulations.		
3G/UMTS (optional)			
	Sierra Wireless Gobi 2000 (UMTS downlink speed 7.2 Mbit/s, UMTS uplink speed 5.76 Mbit/s)		
Display	39.6 cm (15.6-inch), LED backlight, (HD), Anti-glare display, compound, 1366 x 768 pixel, 400:1, 220 cd/m		
Modular bay options			
	2nd battery		
	2nd hard disk drive		
	DVD Super Multi		
	Weight saver		
Base unit	LIFEBOOK E780 Intel graphics	LIFEBOOK E780 Intel® graphics	LIFEBOOK E780 NVIDIA® graphics
General system information			
Chipset	Intel® QM57		
Chipset notes	supports iAMT 6.0, vPro requires Core i5-5xx / i7 processor, Intel W-LAN & TPM module		

General system information

BIOS features BIOS based on Phoenix SecureCore

Graphics

TFT resolution (DisplayPort)	up to 2560 x 1600	up to 2560 x 1600
TFT resolution (VGA)	up to 1920 x 1200	up to 1920 x 1200
TFT resolution (DVI on Port Replicator)	up to 1920 x 1200	up to 1920 x 1200
Graphics brand name	Intel® HD Graphics	NVIDIA® GeForce® GT 330M
Graphics features	DualView	DualView
Graphics notes	Shared memory depending on main memory size and operating system	
Dedicated video memory	1 GB (DDR3 VRAM, 800 MHz)	
Shared video memory	up to 1695 MB	

Interfaces

Memory card slots	1 (SD/MS/MSPPro)	1 (SD/MS/MSPPro)	1 (SD/MS/MSPPro)
ExpressCard slots	1 (34mm and 54mm supported)	1 (34mm and 54mm supported)	1 (34mm and 54mm supported)
PC Card slot (Type I/II)	1	1	1
SmartCard slot	1	1	1
SIM card slot	1 (usable only with 3G/UMTS)	1 (usable only with 3G/UMTS)	1 (usable only with 3G/UMTS)
Modem (RJ-11)	1 (optional)	1 (optional)	1 (optional)
eSATA	1	1	1
USB 2.0 total	4	4	4
FireWire (IEEE1394)	1	1	1
Serial (RS-232)	1	1	1
VGA	1	1	1
DisplayPort	1	1	1
Ethernet (RJ-45)	1	1	1
DC-in	1	1	1
Audio: line-in / microphone	1	1	1
Audio: line-out / headphone	1	1	1
Internal microphones	2 digital array microphones	2 digital array microphones	2 digital array microphones
Docking connector for Port Replicator	1	1	1
Kensington Lock support	2	2	2

Wired communication

Modem type Optional: 56 K V.92 modem MDC1.5
 LAN 10/100/1000 MBit/s Intel® 82577 LM

Keyboard and pointing devices

Spill-resistant keyboard		
Number of keyboard keys: 85, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm		
EcoButton	EcoButton	EcoButton
Fingerprint sensor	Fingerprint sensor option (with scroll function instead of scroll button)	Fingerprint sensor
LockWorkstation button	LockWorkstation button	LockWorkstation button
MobilityCenter button	MobilityCenter button	MobilityCenter button
Second set of mouse buttons	Second set of mouse buttons	Second set of mouse buttons
TouchStick (optional)	TouchStick (optional)	TouchStick (optional)
Touchpad with two mouse buttons and one scroll button	Touchpad with two mouse buttons and one scroll button	Touchpad with two mouse buttons and scroll via fingerprint sensor

Multimedia

Audio type On board
 Audio codec Realtek ALC269
 Audio features Stereo speakers, 2x digital array microphones
 Camera Optional: Built-in webcam, 1.3 megapixel, VGA camera

Power supply

1st battery options	Li-Ion battery 6-cell, 5200 mAh, 56 Wh
2nd battery (optional)	Li-Ion battery 3-cell, 3800 mAh, 41 Wh
Battery features	Rapid charge with 5200 mAh batteries
Benchmark	Mobile Mark 2007 (readers mode e.g. surfing the internet, writing E-mails, viewing documents)
Runtime 1st battery	up to 12 h up to 5 h
Runtime 1st + 2nd battery	up to 18 h up to 8 h
Battery charging time	approximately 2:30 for 5,200mAh 1st battery, appr. 4:00 for 5,800mAh 1st battery
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.

Power consumption

Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=6a1ccce7-cb9f-46c2-979f-7b8ea5074bf8
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Dimensions / Weight / Environmental

Dimensions (W x D x H)	372 x 255 x 36 mm
Weight	2.7 kg 2.75 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	5 - 35C
Operating relative humidity	20 - 85 % (running)

Additional Software

Additional software (preinstalled)	Adobe Acrobat Reader Application Panel Display Manager ShockSensor Utility Power Saving Utility Wireless Selector Utility EasyGuide online user documentation Nero Essentials S (burning software) Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP Toshiba Stack 4.x (not available for Windows® 7 operating systems)
Additional software (optional)	Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS) SmartCase Logon+

Manageability

Manageability technology	DeskUpdate Driver management iAMT 6.0 Intel® vPro™ technology
Manageability software	DeskView 10.x client management including:
DeskView components	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)
Supported standards	WMI PXE BootP (made4you)
Manageability link	http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html

Security

System protection	Kensington Lock support
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Security		
Audit proof protection	Advanced Theft Protection Computrace® enabled BIOS Optional: Trusted platform module (TPM 1.2) Norton Internet Security (incl. Firewall) 90 days version	
Access protection	Optional: Integrated fingerprint sensor Integrated SmartCard slot Hard disk password SystemLock BIOS SmartCard security User and supervisor BIOS password	Integrated Fingerprint Sensor Integrated SmartCard slot Hard disk password SystemLock BIOS SmartCard security User and supervisor BIOS password

Compliance	
Europe	CE CE! Nordic Swan
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) WiFi certified ENERGY STAR® 5.0 EPEAT® Gold (dedicated regions)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

Port Replicator interfaces (optional)

	Port replicator/AC adapter/EU-cable kit		Port replicator/AC adapter/GB-cable kit
DC-in	1 (19V)	1 (19V)	1 (19V)
Power on switch	1	1	1
Audio: headphone	1	1	1
Audio: microphone	1	1	1
USB 2.0 total	4	4	4
DisplayPort	1 (up to 2560 x 1600)	1 (up to 2560 x 1600)	1 (up to 2560 x 1600)
VGA	1	1	1
DVI	1 (up to 1920 x 1200)	1 (up to 1920 x 1200)	1 (up to 1920 x 1200)
Serial (RS-232)	1	1	1
Ethernet (RJ-45)	1 (10/100/1000)	1 (10/100/1000)	1 (10/100/1000)
Parallel	1	1	1
Kensington Lock support	1	2	1
eSATA	1	1	1

Warranty

Standard Warranty	1 year (Intel GFX) / 2 years (NVIDIA GFX) - depending on configuration
Service level	Collect & Return Service / Bring-In Service (depending on country)
Maintenance and Support Services - the perfect extension	
Recommended Service	5x9, Response Time: Next Business Day (Intel GFX) or On-site Service (NVIDIA GFX)
Spare Parts availability	5 years
Service Weblink	http://ts.fujitsu.com/Supportservice



Recommended Accessories

LIFEBOOK bundle (Port rep\AC Adapter\EU-Cable Kit)



Flexibility, expandability, desktop replacement to name just a few benefits of Fujitsu docking options.

Order Code:
S26391-F516-L100

LIFEBOOK bundle (Port rep\AC Adapter\UK-Cable Kit)



Flexibility, expandability, desktop replacement to name just a few benefits of Fujitsu docking options.

Order Code:
S26391-F516-L200

2nd battery



With a second battery you can maximize the working time of your notebook and work wherever you want for a whole working day. Just put the 2nd battery into the modular bay and enjoy truly mobile working free from the power socket!

Order Code:
S26391-F440-L200

ComboSaver



Protect your notebook and the personal information you have stored from theft. Lock it with this easy-to-use, keyless 4-wheel combination lock from Kensington, the leader in notebook security.

Order Code:
S26361-F1650-L500

Privacy filter



Privacy filters help block the screen view from anyone viewing the computer from a side view. 3M's unique microlouver privacy technology allows persons directly in front of the computer to see on-screen data clearly. 3M offers the broadest line of computer filters available.

Order Code:
S26391-F6097-L317

Prestige Case Midi



Zip-down case with cushioned Notebook compartment; separate second compartment for mobile accessories and documents; exterior compartment with workstation for mobile accessories; cushioned shoulder strap; trolley fastening strap on the back side For Tablet PC and Notebooks up to 370 x 295 x 50 mm

Order Code:
S26391-F1119-L60

Presenter IV Air



Do you often give presentations? Would you like to communicate proactively with your audience during your presentations? Step up to the plate and make use of your freedom of movement with the Presenter IV Air. Whether you're leafing through informative material, adjusting audio files or using the laser pointer to indicate special features, you have everything reliably under control with this presenter. Thanks to the 2D air mouse function you can even do away with the cable mouse and navigate through your files with ease.

Order Code:
S26381-K440-L100

More information

Fujitsu platform solutions

In addition to Fujitsu LIFEBOOK E780, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products

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

Software

www.fujitsu.com/software/

More information

Learn more about Fujitsu LIFEBOOK E780, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
<http://ts.fujitsu.com/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 resolve issues of environmental energy efficiency through IT. Please find further information at <http://www.fujitsu.com/global/about/environment/>



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