FUJITSU

DATASHEET
FUJITSU LIFEBOOK E780 NOTEBOOK

THE MOBILE TOP PERFORMER

LIFEBOOK E780
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 Fujitsu's 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™ i3, 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 320GB hard disk drive

MAXIMUM CONNECTIVITY
Be available wherever you are; wireless connectivity anytime anywhere, even if there is no hotspot nearby.
■ Integrated display port, E-SATA, serial port, optional integrated 3G/UMTS, WLAN and Bluetooth
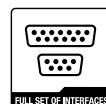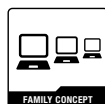
MAXIMUM SECURITY
Protect your company data against unauthorized third-party access.
■ Benefit from our end-to-end anti-theft concept with system and user protection, such as Computrace® enabled BIOS and Advanced Theft Protection, integrated SmartCard slot, optional fingerprint sensor, TPM module and SmartCase Logon+

GREAT FLEXIBILITY
The family concept offers standard accessory components for LIFEBOOK E780 and S710 Series.
■ Standardized port replicator, power supply unit, keyboard and modular bay for optical drive, second battery or second hard disk drive

BEST CONNECTIVITY   SYSTEM GUARDS   ULTIMATE SECURITY   FAMILY CONCEPT   2ND BATTERY   BRILLIANT GRAPHICS   FULL SET OF INTERFACES   INFORMATION DISPLAY   CONFCAM

COMPONENTS

PROCESSOR	Intel® Core™ i3 processor 330M (2.13 GHz, 3 MB, 800 MHz)
	Intel® Core™ i7 processor 620M (2.66 GHz, 4 MB, 1066 MHz)
	Intel® Core™ i5 processor 540M (2.53 GHz, 3 MB, 1066 MHz)
	Intel® Core™ i5 processor 520M (2.4 GHz, 3 MB, 1066 MHz)
MEMORY MODULES	4 GB (1 module(s) 4 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM
	2 GB (1 module(s) 2 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
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)	500 GB, 7200 rpm, SATA, 2.5-inch S.M.A.R.T.
	320 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T.
	320 GB, 5400 rpm, FDE, 2.5-inch S.M.A.R.T.
	160 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T.
	128 GB SSD SATA, 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
WIRELESS TECHNOLOGIES	
Antennas	2 Dual band WLAN antennas, 2 UMTS antenna
Infrared link (Fast IrDa 1.1, 4 Mbps)	1
WLAN notes	Import and usage according to country-specific regulations.
UMTS/HSUPA (OPTIONAL)	Sierra Wireless Gobi 2000 (downlink 7.2 Mbit/s, uplink 5.76 Mbit/s)
DISPLAY	39.6 cm (15.6-inch); LED backlight; (HD+); anti-glare display; magnesium
	39.6 cm (15.6-inch); LED backlight; (HD+); anti-glare display; compound
	39.6 cm (15.6-inch); LED backlight; (HD); anti-glare display; magnesium
	39.6 cm (15.6-inch); LED backlight; (HD); anti-glare display; compound
MODULAR BAY OPTIONS	2nd battery
	2nd hard disk drive
	DVD Super Multi
	Weight saver

Base unit	LIFEBOOK E780 NVidia graphics Fingerprint	LIFEBOOK E780 Intel graphics
GENERAL SYSTEM INFORMATION		
Chipset	Intel® QM57	
Intel plattform	Intel® Core™ i7 processor with vPro™ technology	
BIOS features	BIOS based on Phoenix SecureCore	
GRAPHICS		
Max. resolution external display	2560 x 1600 pixel	
Max. resolution display port		
Graphics brand name	NVIDIA® GeForce® GT 330M	Intel® HD Graphics
Graphics features	DualView (Windows® XP & Windows® Vista)	
INTERFACES		
Memory card slots	1 (SD/MS/MSPro)	
ExpressCard slots	1	
PC Card slot (Type I/II)	1	
SmartCard slot	1	

INTERFACES

SIM card slot	1
Modem (RJ-11)	1 (optional)
eSATA	1
USB 2.0 total	4
FireWire (IEEE1394)	1
Serial (RS-232)	1
VGA	1
Display Port	1
Ethernet (RJ-45)	1
DC-in	1
Audio: line-in / microphone	1
Audio: line-out / headphone	1
Internal microphones	2 digital array microphones
Docking connector for Port Replicator	1
Kensington Lock support	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: 86, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm	
	TouchStick (optional) Touchpad with two mouse buttons and scroll via fingerprint sensor Second set of mouse buttons EcoButton LockWorkstation button MobilityCenter button Fingerprint sensor	TouchStick (optional) Touchpad with two mouse buttons and one scroll button Second set of mouse buttons EcoButton LockWorkstation button MobilityCenter button Fingerprint sensor option (with scroll function instead of scroll button)

MULTIMEDIA

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

POWER SUPPLY

AC adapter	19 V / 100 W (5.27 A)	19 V / 80 W (4.22 A)
Rated voltage range	100 - 240 V (AC Input)	
Rated frequency range	50 - 60 Hz	
1st battery	Li-Ion battery 6-cell or 8-cell, 5.200 mAh or 5.800 mAh, 56Wh or 83 Wh	
2nd battery (optional)	Li-Ion, 3800 mAh, 41 Wh	
Battery features	Rapid charge with 5200 mAh batteries	
Benchmark	Mobile Mark 2005	
Runtime 1st battery	up to 5 h	up to 7 h
Runtime 1st + 2nd battery	up to 8 h	up to 11 h
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.	

DIMENSIONS / WEIGHT / ENVIRONMENTAL

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

OPERATING SYSTEM

Operating system optional preinstalled	Microsoft® Windows® 7 Professional 32-bit
	Microsoft® Windows Vista® Business 32-bit
	Microsoft® Windows Vista® Home Basic 32-bit
	TwinLoad Microsoft® Windows® XP Professional (DVD)
Operating system compatible	Microsoft® Windows® XP Professional
Operating system notes	Driver support for Microsoft® Windows® XP

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

SECURITY

Physical security	Kensington Lock support	
System security	Advanced Theft Protection	
	Computrace® enabled BIOS	
	Optional: Trusted platform module (TPM 1.2)	
	Symantec Norton Internet Security (90 day test version)	
User security	Integrated Fingerprint Sensor	Optional: Integrated Fingerprint Sensor
	Integrated SmartCard slot	Integrated SmartCard slot
	Hard disk password	Hard disk password
	SystemLock BIOS SmartCard security	SystemLock BIOS SmartCard security
	User and supervisor BIOS password	User and supervisor BIOS password

Product

Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

Portreplicator interfaces (optional)

AC Adapter	S26391-F405-E700
Port replicator / AC adapter / cable kit	S26391-F516-E100 (AC Adapter 100W \EU-Cable Kit)
	S26391-F516-E200 (AC Adapter 100W \GB-Cable Kit)
Recommended cases	S26391-F119-L71 (Supreme case maxi, black leather)

WARRANTY

Standard Warranty	2 years
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
Spare Parts availability	5 years
Service Weblink	http://ts.fujitsu.com/Supportservice

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 Infrastructureas-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 INNOVATIOHN

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/

Green Policy Innovation

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