

LIFEBOOK E8020

Your expert without compromises

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The LIFEBOOK E Series follows a simple philosophy: only the best will do. It is the perfect choice for the extreme office user: get latest technology to turn any work into a pleasant experience. The result is mobile performance equally powerful as desktop models.

The LIFEBOOK E8020 is equipped with the latest Intel technology, a 15-inch XGA¹⁾ or 15-inch SXGA+ display for excellent viewing and powerful graphics. It offers you a full blown modular bay concept to provide the system with a large variety of different extensions. An integrated BIOS-based password system and hard disk drive protection, a sophisticated Security Panel and native support for SmartCards make the LIFEBOOK Series one of the most secure product line in the world.

Powerful Intel® Centrino™ Mobile Technology²⁾ delivers high performance and long working away from the power socket.

Mobility

Groundbreaking mobile technology for highest demands

- Power-saving Intel® Pentium® M Processor with enhanced SpeedStep™ technology for long independent working
- Increased productivity due to latest Intel chipset
- Optional best-in-class ATI MOBILITY™ RADEON™ X600 delivers smooth graphics

Ergonomics and flexibility in- and outside the office

- Enjoy the viewing quality of brilliant TFT displays and graphics:
Choose 15-inch XGA¹⁾ or 15-inch SXGA+ display, for comfortable working
- Dual pointing devices:
Touchpad and touchstick for ergonomic working
- Port Replicator optionally available for simple connection to all your peripherals
- Robustness on the move with highest quality and magnesium lid

Highest independence everywhere

- Long lasting battery up to 10 hours with first and second battery
- Ideal connectivity through optional WLAN and Bluetooth
The antennas are integrated in the lid for best signal reception
- Modular bay fitting an extra drive or battery for more flexibility

Remote administration while traveling

- Easy and remote administration with DeskView client management
- ManageIT: software suite with best integration into your IT environment optionally available
- quality test

Security to protect your sensible data away from the office

- Easy and secure access and data protection for your business intelligence
- Built-in SmartCard reader and optional SecureIT: software suite with best integration into your IT environment
- Mobile security via built-in Security Panel
- F-Secure antivirus software
- Trusted platform module (TPM) provides more secure applications and makes transaction trust worthy (for projects only)



¹⁾ 15-inch XGA display with external ATI graphics only via customizing services made4you available

²⁾ Optional, if Intel PRO/Wireless 2200BG module is integrated LIFEBOOK Series without Intel WLAN module are branded with letter "D" e.g. LIFEBOOK E8020D

Software Suites

ManageIT Suites	SecureIT Suite ¹⁾
<p>ManageIT Suites Migration</p> <ul style="list-style-type: none"> ■ Increase efficiency of software and operating system deployment, manage software patches and migrate user settings with Altiris software solutions <p>ManageIT Suite Controlling</p> <ul style="list-style-type: none"> ■ Enhance your multivendor hard- and software inventory, manage the use of application software licenses effectively and support your end user remotely with software solutions from Altiris 	<p>SICRYPT SMARTY</p> <ul style="list-style-type: none"> ■ Windows access protection with SmartCard ■ Prevention of unauthorized access to PC / network <p>SmartCase™</p> <ul style="list-style-type: none"> ■ File encryption for data protection ■ Secure password container ■ Comfortable and secure password protection ■ Simple and secure password storage <p>E-Mail Encryption with SmartCard²⁾</p> <ul style="list-style-type: none"> ■ Secure and easy to use encrypted e-mail <p>SmartCard</p> <ul style="list-style-type: none"> ■ Standardized technology for use in several applications <p>SystemLock</p> <ul style="list-style-type: none"> ■ Pre-boot access protection with SmartCard ■ Prevention of unauthorized booting of PC

1) SmartCard reader / writer mandatory

2) uses native support from Microsoft Windows Operating System

System	LIFEBOOK E8020 with Intel graphics	LIFEBOOK E8020 with ATI graphics
Processor		
Intel Pentium M Processor	740 (1.73 GHz) 750 (1.86 GHz) 760 (2.00 GHz) 770 (2.13 GHz) 780 (2.26 Ghz) *	740 (1.73 GHz) 750 (1.86 GHz) 760 (2.00 GHz) 770 (2.13 GHz) 780 (2.26 Ghz) *
Second level cache	2048 KB	2048 KB
Front side bus (FSB)	533 MHz	533 MHz
Chipset		
Northbridge	Intel 915GM	Intel 915PM
Southbridge	ICH 6-M	ICH 6-M
Memory		
DDR2-533 SDRAM, 533 MHz, max	up to 2 GB	up to 2 GB
DIMM slots	2	2
BIOS		
BIOS Flash EPROM	Phoenix First BIOS	Phoenix First BIOS
Interfaces		
Infrared link (Fast IrDa 1.1, 4 Mbps)	1	1
Type I/II PC Card slot	1	1
Express card 34/54	1	1
Memory card slot (SD & MMC)	1	1
USB 2.0	4	4
S-Video out (TV-out)	1	1
VGA	1	1
Modem RJ-11	1	1
LAN RJ-45	1	1
Audio-in (line-in / microphone)	1	1
Audio-out (line-out / headphone)	1	1
DC-in	1	1
SPDIF	1	1
IEEE1394	1	1
PS/2	1	1
Serial port	1	1
Parallel port	1	1
Docking connector for Port Replicator	1	1
Port Replicator interfaces (optional):		
USB 2.0	4	4
VGA	1	1
Serial port	1	1
Parallel port	1	1
LAN RJ-45	1	1
PS/2	1	1
DC-in	1	1
Microphone	1	1
Headphone	1	1
DVI-D port	1	1
Power on switch	1	1
Kensington Lock	1	1
Modem on board		
56K V.92 modem MDC1.5	1	-
LAN on board		
built-in 10/100/1000 Mbps GBLAN Broadcom 5751-M	x	x
Wireless Technologies (WLAN)		
Import and usage according to country-specific regulations.		
Dual band diversity antenna		
Intel PRO/Wireless 2200BG	optional	optional
Intel PRO/Wireless 2915 a/b/g	optional *	optional *
WiFi certified	x	x
* for made4you customizing projects only		
Bluetooth		
Bluetooth V1.2	optional	optional
Audio		
Stereo speakers	x	x
Sound chip	RealTek ALC260	RealTek ALC203
Keyboard and pointing device		
Keyboard	85 keys, 19mm pitch, 2.7mm key stroke	85 keys, 19mm pitch, 2.7mm key stroke
Touchpad	with two mouse buttons and one scroll button	with two mouse buttons and one scroll button
Touchstick	x	x
Launch keys	x	x
Status LCD (status panel)	x	x

System	LIFEBOOK E8020 with Intel graphics	LIFEBOOK E8020 with ATI graphics
Power supply 1 st Li-Ion battery 8 cell 4800mAh (69.1Wh) 2nd Li-Ion battery 6 cell 3800mAh (41Wh) (Option) Battery runtime: First battery * (Mobile Mark 2002) [up to] First + Second battery * (Mobile Mark 2002) AC adapter 19V/80W Adapter Rated voltage (AC input) 100 - 240 V Rated frequency 50 - 60 Hz DC output 19 V, 4.22 A Dynamic charge supported (rapid charge) * Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.	x x 6 h up to 10 h x x	x x 4 h 30 min up to 8 h x x
Operating temperatures Relative humidity (non-condensing) Ambient temperature	20% - 85% (running) 15° - 35° C	20% - 85% (running) 15° - 35° C
Dimensions / Weight Dimensions (H x W x D) Weight* * Weight may vary depending on actual configuration	35~37 x 333 x 285 mm 2.9 kg (incl. weight saver)	35~37 x 333 x 285 mm 2.96 kg (incl. weight saver)
Certificates CE Marking CE according to EU Directives 89/336/EEC (EMC) 73/23/EEC (Product safety) CE! (Wireless) CE (Emission/Immunity) R&TTE GS (German ergonomic approval) UL/cUL CB Generic Report CB (Safety) CTR21 WHQL TBR21 Energy Star Wifi certified	x x x (with integrated WLAN) x x x x x x x x x x x x	x x x (with integrated WLAN) x x x x x x x x x x x x
Operating System Fujitsu Siemens Computers recommends Microsoft® Windows® XP Professional Microsoft Windows XP Professional, Windows Vista™ capable	x	x
Software (compatibility / preinstalled) Adobe Acrobat Reader Driver and Utility CD Easy Guide on-line user documentation Nero burning Norton Ghost F-Secure Antivirus TPM software (with TPM module only) Broadcom BTW Odyssey Client WinDVD for MPEG II decode Windows 2000 driver support	x x x x (with combo oder DVD RW drive) x x x x (with Bluetooth) x x (with combo oder DVD RW drive) x	x x x x (with combo oder DVD RW drive) x x x x (with Bluetooth) x x (with combo oder DVD RW drive) x
Accessories (order number) AC-adapter Case Port Replicator Battery http://www.fujitsu-siemens.com/accessories/	S26391-F2474-L500 Supreme case maxi S26391-F119-L71 S26391-F2599-L900 First Li-Ion battery S26391-F2599-L380	S26391-F2474-L500 Supreme case maxi S26391-F119-L71 S26391-F2599-L900 First Li-Ion battery S26391-F2599-L380