data²

LIFEBOOK S Series
High performance in
ultra light and slim format

Data Sheet *(vertical side text)*

You are looking for an ultra-portable notebook with latest technology, full-sized keyboard and integrated drives? Then the LIFEBOOK S Series is the right choice. The LIFEBOOK S Series is a sensibly sized system. It is small and light enough to be easily carried and stowed away, but large enough to preserve the ergonomics of an A4 portable. The combination of performance, modularity and flexibility gives you the functionality and ease of use of a full-sized desktop.

The LIFEBOOK S Series offers you a full blown modular bay concept to equip the system with a large variety of different extensions – add battery, hard disk drive, DVD-ROM or combo drive to fit the LIFEBOOK to your current needs.

Intel® Centrino™ Mobile Technology*⁾ delivers high performance and long working away from the power socket. It enables simple and wireless communication.

Mobility

- Power-saving Intel® Pentium® M processor support for long independent working
- Modular bay fitting an extra drive or battery for more flexibility
- Ideal connectivity through optional Bluetooth and optional Wireless LAN
- Slim and stylish design for every profile – in and out of the office

Reliability

- Integration of Japan's innovation and Germany's quality standard
- Best-in-class manufacturing winning the Industrial Excellent Award 2003 and the Ken Sharma Award 2002
- Short reaction and transportation time
- Highest quality design with magnesium lid
- Mechanical and function stability through extensive quality tests
- Your choice of supply concept for in-time and tailored delivery: value4you, made4you
- Global warranty, service and spare part supply according to your needs

Manageability

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

Security

- Easy and secure access and data protection for your business intelligence
- SecureIT: software suite with best integration into your IT environment as option
- Mobile security via built-in Security Panel
- F-Secure antivirus software

Ergonomics

- Enjoy the viewing quality of brilliant 13.3 -inch TFT-display
- Excellent resolution and video quality with integrated Intel 855GM chipset
- Small and lightweight Port Replicator optional for easy connection to all your peripherals

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*⁾ Optional, if Intel PRO/Wireless 2100 chipset is integrated

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FUJITSU COMPUTERS
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LIFEBOOK S6120 / LIFEBOOK S6120D

	LIFEBOOK S6120 (incl. Bluetooth™)	LIFEBOOK S6120 / LIFEBOOK S6120D
System, processors, architecture	▪ Intel® Pentium® M processor 1.60 GHz with new Intel® Centrino™ Mobile Technology platform 1MB second-level cache, 400 MHz FSB, processor support for Enhanced Intel SpeedStep™ technology	▪ Intel® Pentium® M processor 1.40 GHz
Communications	▪ Built-in 10/100 Mbps LAN (RealTek) Fast Ethernet adapter and V.92 56K Lucent AC Link Modem ▪ Bluetooth base unit: Integrated Bluetooth V1.1, and with Intel PRO/Wireless 2100 LAN	▪ Built-in 10/100 Mbps LAN (RealTek) Fast Ethernet adapter and V.92 56K Lucent AC Link Modem (LIFEBOOK S6120D) ▪ Optional Intel PRO/Wireless 2100 LAN (only for LIFEBOOK S6120)

Software Suites

ManageIT Suite	SecureIT Suite[1]
NetInstall® ▪ Software installation ▪ Software distribution ▪ Software maintenance ▪ Increase efficiency of Software deployment	**SICRYPT SMARTY** ▪ Windows access protection with SmartCard ▪ Prevention of unauthorized access to PC / network **SmartCase™** ▪ File encryption for data protection ▪ Secure password container ▪ Comfortable and secure password protection ▪ Simple and secure password storage **E-Mail Encryption with SmartCard[2]** ▪ Secure and easy to use encrypted e-mail **SmartCard** ▪ Standardized technology for use in several applications

1) SmartCard reader / writer mandatory
2) uses native support from Microsoft Windows Operating Systems

Operating system
Microsoft Windows 2000 or Microsoft Windows XP

Fujitsu Siemens Computers recommends Microsoft® Windows® XP Professional for Mobile Computing

Professional System

Processor (GHz)	Intel Pentium M 1.40 or 1.60
Front Side Bus (MHz)	400
Second-level cache (KB)	1024
Chipset	Intel 855GM / ICH 4-M
System memory (MB)	up to 2 GB DDR SDRAM (266 MHz)
DIMM slots	2
Flash EPROM	Phoenix First BIOSTM

Interfaces
1 x infrared link (Fast IrDa 1.1 max 4 MB/s),
1 x type II PC Card slot, IEEE1394 on board,
2 x USB (2.0), 1 x LAN RJ-45, 1 x modem, 1x VGA,
1 x headphone (line out), 1 x microphone (line in),
1 x stereo line in, 1 x DC-in (power supply),
1 x docking connector for Port Replicator
Port Replicator interfaces (optional):
1 x DC-in, 1 x PS/2, 1 x serial, 1 x parallel, 1 x VGA,
2 x USB (2.0), 1 x LAN (pass through)

Communications
Built-in 10/100 Mbps LAN (RealTek) Fast Ethernet adapter and V.92 56K Lucent AC Link Modem
Optional Intel PRO/Wireless 2100 LAN and integrated Bluetooth V1.1

Wireless Technologies (WLAN)
Import and usage according to country-specific regulations

Audio
AC97 SigmaTel STAC9767 Codec
SoundBlaster™ Pro compatible stereo speakers

Keyboard and pointing device
Keyboard with Windows keys (82 keys)
19 mm pitch, 3 mm key stroke
Two mouse buttons and two scroll buttons
4 Quick Touch application buttons, touchpad (Alps)

Graphics
Intel 855GM with integrated 32-bit 3D/2D graphics core with dynamic video memory technology, 3-D accelerator VRAM
32 MB / 64 MB UMA
DualView (Windows XP/WIN 2000)
Max. resolution for external displays
1600 x 1200 / true color / 85 Hz

Display
13.3-inch TFT-XGA / 1024 x 768 pixel

Hard disk drives (internal)
40 GB or 60 GB IDE hard disk drive
UDMA100 (4200 rpm)

Modular bay
Optional devices for modular bay include optical drives, hard disk drive, second battery, weight saver

DVD-ROM / combo drive optional in modular bay
8x DVD-ROM,
8x/24x/24x/10x DVD/CD-R/RW

Manageability
The DeskView manageability software contains the following modules: Desk Alert, DeskFlash, DeskInfo, DeskOff, DeskWoL and DeskView Browser

Mobile management
PXE, DMI 2.0 and WfM 2.0 compliance (for LAN only), Built-in network controller with Wake-on-LAN support

Security
SmartCard controller integrated in PC Card controller (O2Micro OZ711E1),
SecureIT Suite and Smart Card adapter as option (SmartCard adapter is necessary)
Built-in Security Panel with PIN code
User and supervisor BIOS password
Password from resume
Kensington Lock support
S.M.A.R.T hard drive with password
Boot sector virus protection

Power supply
Li-Ion battery, 6 cells, 10.8v, 4000mAh,
Battery runtime*):
1st battery: 4 h 20 min; 2nd battery: 8 h 30 min;
according to the official Mobile Mark 2002 recommendations
External mini AC adapter:

Rated voltage (AC input)	100 – 240 V
Rated frequency	50 – 60 Hz
DC output	16 V, 3.75 A

Operating conditions / temperatures / dimensions / weight

Relative humidity	20 % - 85 % (non-condensing)
Ambient temperature	15° - 35° C
Dimensions (H x W x D)	34 x 293,0 x 236,5 mm
Weight (incl. weight saver):	1.7 kg

Certifications
GS (German ergonomic approval)
CE (Emission/Immunity), CE! (wireless)
TBR21 approval for V.92 modem (EU/EFTA),
Energy Star, Safety (CB), FCC (currently non Bluetooth unit)

Software
Adobe Acrobat Reader 5.0
Norton Ghost 2003
Nero CD creator (only with DVD/CD-R/RW combo drive)
WinDVD for MPEG II decode (only with DVD-ROM, DVD/CD-R/RW combo drive)
Driver and Utility CD including F-Secure Antivirus
Easy Guide on-line user documentation

Options / Accessories
256 or 1024 MB DDR SDRAM
Floppy disk drive (external only via USB)
Additional primary battery
External battery charger, used off-line
12 V adapter for cars and planes (only for recharging, not during operation),
Devices for modular bay
PC Cards (ISDN)
PCMCIA Card adapter (type III)
Slim line Port Replicator
SecureIT Suite and Smart Card adapter
Carrying cases

*) Battery life may vary depending on product model, configuration, applications, power management settings and features utilized.

Company stamp