

## LIFEBOOK S6120 – Intel® Centrino™ Mobile Technology LIFEBOOK S6120D – Intel® Pentium® M



The LIFEBOOK S Series offers you a brilliant 13.3-inch TFT-display in a fully functional ultra-portable you can take on the road without weighing yourself down. It is a sensibly sized machine – small and light enough to be easily stowed and carried, but wide enough to preserve something of the ergonomics of a desktop PC. Coming in a modular design, the LIFEBOOK S Series makes expansion a five second exercise. Add for instance batteries, DVD/CD-R/RW combo drive or a second hard disk in the modular bay to adapt the LIFEBOOK to your current needs. A sensitive touchpad, brilliant screen, Quick Touch application buttons and numerous applications provide maximum user-friendliness.

There are two variants LIFEBOOK S6120 with Intel Centrino Mobile Technology:

- Intel Pentium M processor 1.40 GHz, Intel 855GM chipset and Intel PRO/Wireless 2100
- Intel Pentium M processor 1.60 GHz, Intel 855GM chipset, Intel PRO/Wireless 2100 and Bluetooth

And a variant LIFEBOOK S6120D:

- Intel Pentium M processor 1.40 GHz, Intel 855GM chipset without Intel PRO/Wireless 2100 or non Intel WLAN

The benefits of this new Intel Centrino Mobile Technology platform are long battery life through a new powermanagement, new microoperation procedures (Micro OP Fusion) and higher performance because of some new technical features.

### Mobility

- Intel® Pentium® M processor 1.40 GHz and 1.60 GHz for Bluetooth™ variant with enhanced SpeedStep™ technology
- Modular bay fitting an extra drive or battery for more flexibility
- LIFEBOOK S6120 as standard with Intel PRO/Wireless 2100  
LIFEBOOK S6120D without Intel PRO/Wireless 2100 (WLAN is configurable);
- Optimal connectivity through built-in 56Kbps V.92 modem
- Fast Infrared (Fast IrDa 1.1 max 4 MB)
- Brilliant 13.3 inch TFT-XGA-display with 1024 x 768 resolution

### Reliability

- Highest quality design and function stability
- Delivery reliability
- Country-specific warranty

### Manageability

- Manageability features included
- Mobile Management – PXE, Wired for Management 2.0

### Security

- Mobile Security - via built in Security Panel and integrated SmartCard controller
- SecureIT suite including SmartCard adapter has to be ordered separately

### Ergonomics

- Enjoy the viewing quality of brilliant 13.3 inch TFT-display
- Graphics are integrated Intel 855GM with 32-bit 3D/2D gfx core with dynamic video memory technology VRAM 32 MB / 64 MB UMA
- Port Replicator optionally available

**System, processors, architecture**

LIFEBOOK S6120:  
Intel® Pentium® M processor 1.60 GHz with new  
Intel® Centrino™ Mobile Technology platform  
LIFEBOOK S6120D:  
Intel® Pentium® M processor 1.40 GHz;  
1MB second-level cache, 400 MHz FSB,  
with SpeedStep™ technology

**Memory**

2 memory slots for 256 or 512 MB DDR SDRAM,  
266 MHz DDR modules

**BIOS and chipset**

Phoenix First BIOS™  
Intel 855GM with integrated 32-bit 3D/2D gfx core with  
dynamic video memory technology VRAM 32 MB /  
64 MB UMA + ICH4-M

**I/O interfaces**

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

**Communications**

**Standard in all**

**LIFEBOOK S6120 / LIFEBOOK S6120D:**  
Built-in 10/100 Mbps LAN (RealTek) Fast Ethernet  
adapter and V.92 56K Lucent AC Link Modem

**LIFEBOOK S6120D:**  
standard base unit **without** Intel PRO/Wireless 2100 LAN

**LIFEBOOK S6120:**  
standard base unit **with** Intel PRO/Wireless 2100 LAN

**LIFEBOOK S6120:**  
Bluetooth base unit:  
Integrated Bluetooth V1.1,  
and with Intel PRO/Wireless 2100 LAN

**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  
4 Quick Touch application buttons, touchpad (Alps)

**Graphics**

Intel 855GM with integrated 32-bit 3D/2D gfx core with  
dynamic video memory technology, 3-D accelerator  
Dual View (Windows XP/WIN 2000)  
Max. external resolution (CRT only)  
1600 x 1200 / true color / 85 Hz

**Display**

13.3 inch TFT-XGA / 1024 x 768 pixel

**Storage devices / drives**

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

**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 have to be ordered  
separately; (SmartCard adapter is needed to fit a SmartCard)  
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: up to 3 h 30 min (battery optimized mode) without  
WLAN and Bluetooth, 1.60 GHz processor; according to the official  
Mobile Mark 2002 recommendations  
External mini AC adapter:  
input 100 – 240 V / 50 – 60 Hz,  
output 16V, 3.75A

**Operating conditions and temperatures**

15° C to 35° C degrees (ambient temperature)  
20 % to 85 % relative humidity, non-condensing  
AC input 100 – 240 V / 50 – 60 Hz

**Dimensions and weight**

Max 293,0 x 236,5 x 34mm  
1.7 kg (incl. weight saver)

**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)

**Operating system / software**

Microsoft Windows 2000 or Windows XP Professional  
Adobe Acrobat Reader V4.0  
Nero CD creator (only with DVD/CD-R/RW combo drive)  
WinDVD for MPEG II decode (only with DVD,  
DVD/CD-R/RW combo drive)  
Easy Guide on-line user documentation

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

**Options**

128 or 512 MB DDR SDRAM  
Additional primary battery  
External battery charger, used off-line  
PC Cards (ISDN)  
12 V adapter for cars and planes (only for recharging, not  
during operation),  
Carrying cases  
Floppy disk drive (external only via USB)  
Devices for modular bay  
PCMCIA Card adapter (type III)  
Slim line Port Replicator  
SecureIT suite and Smart Card adapter

**Wireless technologies (WLAN)**

Import and usage according to country-specific regulations

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