

LIFEBOOK S7020 - Secure Edition Your best friend on the move

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The newest model in the award-winning LIFEBOOK S Series notebook line, the all-new LIFEBOOK S7020 Secure Edition notebook is now stylish, powerful, and more secure than ever before.

The LIFEBOOK S Series is the best friend of a frequent traveller, leaving no compromises: The sturdy notebook keeps the balance between low weight, high-end performance and state-of-the-art security modules. It comes configured with several state-of-the-art security modules, allowing you to choose the level and method of security that best fits your needs. The comprehensive security features, TPM module, security panel, Fingerprint Sensor and SmartCard support make your sensible data safe and secure – anytime, anywhere.

For enhanced viewing the large 14.1-inch Crystal View screen provides incredibly crisp imagery-brilliant enough for the most discriminating viewer. This highly-portable notebook with latest technology offers maximum performance and extraordinary ergonomics, thus the new LIFEBOOK S7020 continues dominating this product segment.

Mobility

Convenient to carry

- Slim-light stylish design
- Lightest modular 14.1-inch notebook with only 1.77 kg

Security to protect your sensible data away from the office

- With more than 800,000 possible combinations, the integrated security panel adds another level of security that helps ensure your data safety
- Trusted Platform Module (TPM) authenticates system platform to ensure the highest level of data protection - a vault - like combination of an integrated security chip with sophisticated data encryption software.
- SmartCard reader with a wide range of third-party applications, such as secure online transactions, personalized authentication service, access to personal data, and "e-cash" storage options.
- Biometric fingerprint sensor puts industry-leading data security at your fingertips. Swipe your finger or remember a single master password to keep all your system log-ins and data protected.

Ideal connectivity on the road and in the office

- Bluetooth and Wireless LAN optional integrated
- Optional Port Replicator for easy connection to all your peripherals, compatible with LIFEBOOK C1320 and LIFEBOOK E8020

Robustness on the run

- Integration of Japanese innovation and German quality standard for low failure rates
- Award-winning best-in-class manufacturing
- Highest quality design with magnesium lid
- Hard disk drive shock absorbers minimize data loss and guarantee a higher reliability of your data
- Mechanical and function stability through extensive quality tests



Security Features

Fingerprint

- Best in class technology for secure and comfortable access protection

Trusted platform module (TPM 1.1b)

- Security architecture based on Infineon's security controller family
- TSS software stack according to TCG specification
- TPM Cryptographic Service Provider (CSP)
- Infineon's desktop management software for maintaining security features
- Support of MS - CAPI and PKCS#11 applications such as:
 - Microsoft Outlook ® and Outlook Express ®
 - Microsoft Explorer ®
 - Netscape Communicator ®
 - Microsoft Encrypted File System
 - RSA SecureID ®
 - Check Point™
 - SecuRemote/SecureClient
 - Further applications based on interfaces above

Symantec's Norton Internet Security 2005

- Norton Internet Security 2005
 - Norton AntiVirus™
 - Norton™ Personal Firewall
 - Norton™ Privacy Control
 - Norton™ AntiSpam™
 - Norton™ Parental Control
- Full version for 3 months
- After 3 months registration at Symantec

SmartLogon

- Windows access protection with Fingerprint and/or SmartCard
- Prevention of unauthorized access to PC / network
- File encryption for data protection
- Secure password container for Easy Sing-On
- Comfortable and secure password protection
- Simple and secure password storage

E-Mail Encryption with SmartCard ¹⁾

- Secure and easy to use encrypted e-mail

SmartCard

- Standardized technology for use in several applications

SystemLock

- Pre-boot access protection with SmartCard
- Prevention of unauthorized booting of PC

1) Uses native support from Microsoft Windows Operating Systems

System

Processor	Intel® Pentium® M 750 (1.86 GHz) Intel® Pentium® M 760 (2.00 GHz)
Second-level cache (MB)	2 MB
Front Side Bus (MHz)	533
Chipset	Intel 915 GM / ICH6-M
System memory	2 x 512 DDR-2 SDRAM
DIMM slots	2 (dual channel)
Flash EPROM	Phoenix First BIOS™


Interfaces

1 x infrared link (Fast IrDa 1.1 max 4 MB/s)
 1 x Express card I/II, 1 x type I/II for PC Card
 3 x USB (2.0), 1 x IEEE1394 on board,
 1 x LAN RJ-45, 1 x modem RJ-11, 1 x VGA,
 Audio out (line-out / headphone), Audio in (line in /
 microphone) device recognition for Audio out/in on system via
 software, S-Video out with 3,5mm jack, DC-in (power supply),
 1 x Kensington Lock
 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,
 1 x microphone, 1 x headphone, 4 x USB (2.0),
 1 x LAN (pass through), 1 x DVI-D port,
 1 x power on switch, Kensington Lock

Communications

Built-in GBLAN (Broadcom BCM 5751-M);
 56K V.92 Agere HDA modem
 Dual band diversity antenna,
 Intel PRO/Wireless 2915 a/b/g,
 Bluetooth V1.2 with Broadcom stack 3.01
 separate antenna for Bluetooth

Wireless Technologies (WLAN)

Import and usage according to country-specific regulations
 All LIFEBOOKS are WiFi certified 

Audio

Realtek ALC 260 (High definition audio) 24 bit, 192 KHz
 Soundblaster™ PRO compatible stereo speakers

Keyboard and pointing device

Keyboard with Windows keys (85 keys)
 19 mm pitch, 3 mm key stroke
 Touchstick, two mouse buttons and one scroll button,
 4 Quick Touch application buttons, touchpad

Graphics

Intel GMA 900 with 256-bit graphics core with dynamic video
 memory technology up to 128 MB, 32-bit color depth
 Pixelshader 2.0, Direct X 9
 DualView (Windows XP); Max. resolution for external displays
 1600 x 1200 / true color; DVI-D max. cable length 2 m

Display

14.1-inch TFT-XGA display
 Crystal View / 1024 x 768 pixel

Hard disk drives internal ¹⁾

80 GB P-ATA 150 (5400 rpm)

Modular bay (depending on configuration)

Second battery,
 Second hard disk drive 80 GB S-ATA (5400 rpm)

Drive optional in modular bay

DVD±RW dual layer (+R) multi-format DVD writer
 with double layer support

More information in specific Data Sheet:

http://www.fujitsu-siemens.com/optical_drives/

Manageability

The DeskView 5.x manageability software contains the
 following modules: Desk Alert, DeskFlash, DeskInfo, DeskOff,
 DeskWoL and DeskView Browser.

The DeskView 10.x client management solution contains a
 Web based console, an integrated database, DeskView
 Notifications, DeskView Inventory, DeskFlash and DeskOff.

Mobile management

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

Security

Trusted platform module 1.1b (Infineon);
 SmartCard controller integrated in PC Card controller with
 System Lock support, SmartLogon, SmartCard and
 SmartCard adapter
 Biometric fingerprint sensor
 Built-in Security Panel with PIN code
 User and supervisor BIOS password
 S.M.A.R.T hard disk drive with password
 Password from resume, Kensington Lock support,
 Kensington Combo Saver
 Boot sector virus protection

Power supply

1 st Li-Ion battery	6 cells, 10.8 V, 4800 mAh, 51.8 Wh
2 nd Li-Ion battery (option)	6 cells, 10.8 V, 3800 mAh, 41.0 Wh
Battery runtime ²⁾	
1 st battery	up to 4 h 45 min
1 st + 2 nd battery	up to 8 h 45 min
External AC adapter	
Rated voltage (AC input)	100 – 240 V
Rated frequency	50 – 60 Hz
DC output	19 V, 3.15 A / 60 W

Operating conditions/temperatures/dimensions/weight

Relative humidity	20 % - 85 % (running)
(non-condensing)	
Ambient temperature	5° - 35° C (running)
Dimensions (H x W x D)	33,5x306x248mm
Weight (incl. weight saver)	1.77 kg

Certifications

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

Software

Microsoft Windows XP Professional,
 Windows Vista™ capable,

Adobe Acrobat Reader, Nero Burning ROM,
 Norton Ghost 2003, Norton Internet Security 2005,
 Security panel application, Odyssey,
 Intervideo WinDVD 5, Broadcom BTW,
 Driver and Utility CD,
 Easy Guide on-line user documentation,
 TPM software with TPM module only

Fujitsu Siemens Computers recommends

Microsoft® Windows® XP Professional

Options / Accessories

More information of all available accessories on:

<http://www.fujitsu-siemens.com/accessories>

¹⁾ Gbyte equals one billion bytes, when referring to hard disk drive capacity;
 accessible capacity may vary, also depending on used software and tool.

²⁾ Battery life may vary depending on product model, configuration, applications,
 power management settings and features utilized.

LIFEBOOK S7020 Secure Edition is only available in selected countries.