

# Data Sheet

We make sure



## LIFEBOOK S7220 Your best friend on the move

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Fujitsu Siemens Computers is the leading European IT manufacturer. With a strategic focus on innovative mobility and the dynamic data center, we offer a unique range of products and services from notebooks and desktops to servers and IT infrastructure solutions. Famous German engineering and exceptional in-house quality testing capabilities in our test centers ensure extraordinary product quality and reliability across all product lines.

### LIFEBOOK S7220

The LIFEBOOK S7220 offers the perfect balance between low weight and high-end performance. Weighing only 2.2 kg this is the ideal choice in the 14.1-inch notebook segment. A flexible modular bay, port replicator and a long battery life make work easy. Integrated 3G/UMTS and the optional ConfCamera enable connectivity anytime, anywhere.

### Ergonomic working

Enjoy constant access to all your data thanks to a versatile mobile device.

- A slim and lightweight notebook, weighing only 2.2 kg, with a 14.1-inch WXGA or WXGA+ display that can run up to 8 hours with a second battery

### Maximum connectivity

Available everywhere: wireless connectivity anytime anywhere even if there is no hotspot.

- Optional integrated 3G/UMTS, WLAN and Bluetooth

### Reliable companion

Secure and effective working even for the most demanding of users in all situations.

- Spill-proof keyboard, shock sensor and further innovative highlights

### Maximum security

Protect your company data against unauthorized third-party access.

- Benefit from our end-to-end anti-theft concept, system- and user protection, such as fingerprint sensor, TPM module, and SmartCase Logon+



## Components

<b>Processor</b>	Intel® Core™2 Duo T9600 (2.8 GHz), 6 MB, 1066 MHz Intel® Core™2 Duo T9400 (2.53 GHz), 6 MB, 1066 MHz Intel® Core™2 Duo P8600 (2.4 GHz), 3 MB, 1066 MHz Intel® Core™2 Duo P8400 (2.26 GHz), 3 MB, 1066 MHz
<b>Memory modules</b>	2 GB (1 x 2 GB, DDR3), 1066 MHz 1 GB (1 x 1 GB, DDR3), 1066 MHz
<b>Hard disk drives (internal)</b>	320 GB, 5400 rpm, SATA, 2.5 -inch S.M.A.R.T. 160 GB, 7200 rpm, SATA, 2.5 -inch S.M.A.R.T. 160 GB, 5400 rpm, SATA, 2.5 -inch S.M.A.R.T. 120 GB, 5400 rpm, 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
<b>Display</b>	14.1-inch TFT 1400 x 900 pixel (WXGA+) 14.1-inch TFT 1280 x 800 pixel (WXGA)
<b>WLAN (optional)</b>	Atheros Minicard b/g 802.11 b/g Intel® Wireless WiFi Link 5300 AGN 11/13ch
<b>UMTS/HSUPA (optional)</b>	Sierra Wireless MC8790 (downlink 7.2, uplink 2.0)
<b>Modular bay options</b>	2nd battery DVD Super Multi Weight saver

<b>Base unit</b>	<b>LIFEBOOK S7220 14.1-inch</b>	<b>LIFEBOOK S7220 14.1-inch</b>
<b>General system information</b>		
Chipset	Intel® GM45, ICH 9-M	Intel® GM45, ICH 9-M
BIOS features	BIOS based on Phoenix TrustedCore Notebook	BIOS based on Phoenix TrustedCore Notebook
Memory slots	2 DIMM	2 DIMM
Turbo memory	Optional 4 GB	Optional 4 GB
Supported capacity RAM (max.)	4 GB	4 GB
<b>Interfaces</b>		
DC-in	1	1
Audio: line-in / microphone	1	1
Audio: line-out /headphone	1	1
Internal microphones	2	2
USB 2.0 total	3	3
VGA	1	1
LAN / Ethernet RJ-45	1	1
Modem RJ-11	1	1
Docking connector for Port Replicator	1	1
Kensington Lock support	1	1
Memory card slots	1	1
ExpressCard slots	1	1
SmartCard slot	1	1
SIM card slot	1	1
<b>Wired communication</b>		
Modem type	56 K V.92 modem MDC1.5	56 K V.92 modem MDC1.5
LAN	Built-in 10/100/1000 MBit/s Marvell 88E8055	Built-in 10/100/1000 MBit/s Marvell 88E8055
<b>Wireless technologies</b>		
Antennas	3 dual band antennas, 2 UMTS antennas	3 dual band antennas, 2 UMTS antennas
WLAN notes	Import and usage according to country-specific regulations.	Import and usage according to country-specific regulations.
UMTS	Optional	Optional
<b>Keyboard and pointing devices</b>		
	82 keys, 19mm pitch, 2.7mm stroke TouchStick TouchPad with two mouse buttons and one scroll button Second set of mouse buttons Application buttons LockWorkstation button MobilityCenter button EcoButton Status LED	82 keys, 19mm pitch, 2.7mm stroke TouchStick TouchPad with two mouse buttons and one scroll button Second set of mouse buttons Application buttons LockWorkstation button MobilityCenter button EcoButton Status LED Fingerprint sensor
<b>Multimedia</b>		
Audio type	On board	On board
Audio codec	Realtek ALC269	Realtek ALC269
Audio features	Stereo speakers, 2 internal microphones	Stereo speakers, 2 internal microphones
Camera	Optional: Built-in ConfCamera, 1.3 megapixel, VGA camera	Optional: Built-in ConfCamera, 1.3 megapixel, VGA camera

<b>Graphics</b>		
max. resolution external display	1920 x 1200 pixel	1920 x 1200 pixel
Graphics brand name	Mobile Intel® GMA 4500M HD	Mobile Intel® GMA 4500M HD
Graphic features	DualView (Windows XP & Windows Vista)	DualView (Windows XP & Windows Vista)
<b>Power supply</b>		
AC adapter	19 V / 80 W (4.22A)	19 V / 80 W (4.22A)
1st battery	1st Li-Ion battery 6-cell, 5800 mAh, 62 Wh	1st Li-Ion battery 6-cell, 5800 mAh, 62 Wh
2nd battery	2nd Li-Ion battery 6 cell (Option), 3800 mAh, 41 Wh	2nd Li-Ion battery 6 cell (Option), 3800 mAh, 41 Wh
Benchmark	Mobile Mark 2005	Mobile Mark 2005
Runtime 1st battery	up to 5 h (tbd)	up to 5 h (tbd)
Runtime 1st + 2nd battery	up to 8 h (tbd)	up to 8 h (tbd)
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.
<b>Dimensions / Weight / Environmental</b>		
Operating ambient temperature	5 - 35 °C	5 - 35 °C
Operating relative humidity	20 - 80 %	20 - 80 %
Dimension without stand (W x D x H)	242 x 334 x 31 - 37 mm	242 x 334 x 31 - 37 mm
Weight	2.2 kg	2.2 kg
Weight notes	Weight may vary depending on actual configuration.	Weight may vary depending on actual configuration.
<b>Operating system</b>		
Operating system optional preinstalled	Microsoft® Windows Vista® Home Basic Microsoft® Windows Vista® Business 32bit TwinLoad Microsoft® Windows® XP Professional (DVD) Driver support for Microsoft Windows XP	Microsoft® Windows Vista® Home Basic Microsoft® Windows Vista® Business 32bit TwinLoad Microsoft® Windows® XP Professional (DVD) Driver support for Microsoft Windows XP
Operating system notes		
<b>Additional Software</b>		
Additional software (preinstalled)	Adobe Acrobat Reader Application panel tool Eco Power Saving Utility EasyGuide online user documentation Nero Essentials (burning software) Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP Drivers & Utilities DVD (DUDVD) Toshiba Bluetooth Stack	Adobe Acrobat Reader Application panel tool Eco Power Saving Utility EasyGuide online user documentation Nero Essentials (burning software) Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP Drivers & Utilities DVD (DUDVD) Toshiba Bluetooth Stack
Additional software (optional)	Windows Vista® recovery media Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS) SmartCase Logon+	Windows Vista® recovery media Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS) SmartCase Logon+
Additional software (included as a CD/DVD)		SmartCase Logon+
<b>Manageability</b>		
Manageability features	DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional)	DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional)
Manageability type	DeskView 10.x client management including: On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)	DeskView 10.x client management including: On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)
DeskView features		
Supported standards	WMI PXE BootP (made4you)	WMI PXE BootP (made4you)
Manageability link	<a href="http://www.fujitsu-siemens.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html">http://www.fujitsu-siemens.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html</a>	<a href="http://www.fujitsu-siemens.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html">http://www.fujitsu-siemens.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html</a>
<b>Security</b>		
Physical security	Kensington Lock support	Kensington Lock support
System security	Optional: Trusted platform module (TPM 1.2) Symantec Norton Internet Security	Optional: Trusted platform module (TPM 1.2) Symantec Norton Internet Security
User security	User and supervisor BIOS password SystemLock BIOS SmartCard security Integrated SmartCard controller in PC Card with system lock support Separate SmartCard Slot Optional: SmartCase Logon+ Hard disk password	User and supervisor BIOS password SystemLock BIOS SmartCard security Integrated SmartCard controller in PC Card with system lock support Separate SmartCard Slot Optional: SmartCase Logon+ Hard disk password Integrated Fingerprint Sensor
<b>Compliance</b>		
Compliance link	<a href="https://sp.fujitsu-siemens.com/sites/certificates/default.aspx">https://sp.fujitsu-siemens.com/sites/certificates/default.aspx</a>	

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**Portreplicator interfaces (optional)**

DC-in	1
Power on switch	1
Headphones	1
Microphones	1
USB 2.0 total	4
VGA	1
DVI	1 (with HDCP Support)
Serial (RS-232)	1
PS/2 (mouse / keyboard)	1
LAN / Ethernet RJ-45	1
Parallel	1
Kensington Lock support	2

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