

# DATASHEET

## FUJITSU LIFEBOOK S6420 NOTEBOOK

GET READY FOR YOUR NEXT BUSINESS TRIP

### LIFEBOOK S6420

The LIFEBOOK S6420 is ideal for all business trips with its fantastic performance and genuine mobility. Weighing only 1.7 kg and with a 33.8 cm (13.3-inch) WXGA display and long battery life, it is easy to use all day long. The new integrated application buttons guarantee fast access to your personal applications. Integrated 3G/UMTS and an embedded webcam ensure trouble-free wireless connectivity.

### SLIM MOBILITY

Enjoy permanent access to all your data thanks to a mobile device that is both easy and flexible to use.

- Lean, lightweight Notebook weighing only 1.7 kg with a 33.8 cm (13.3-inch) WXGA display, with up to 8:30 hours running time with a second battery

### ULTIMATE CONNECTIVITY

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

- Optional integrated 3G/UMTS, WLAN and Bluetooth

### RELIABLE COMPANION

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

- Spill-resistant keyboard, shock sensor, magnesium lid and further innovative highlights

### FLEXIBLE WORKING

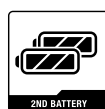
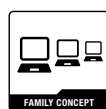
Adapt your notebook to various business environments and thus increase your business agility.

- Modular bay for a second battery or an optical drive

### MAXIMUM SECURITY

Protect your company data against unauthorized third-party access and benefit from our end-to-end anti-theft and system and user protection concept.

- Computrace® enabled BIOS, optional fingerprint sensor, TPM Module and SmartCase Logon+



# COMPONENTS

<b>PROCESSOR</b>	Intel® Core™2 Duo processor T9600 (2.8 GHz, 6 MB, 1066 MHz) Intel® Core™2 Duo processor P8800 (2.66 GHz, 3 MB, 1066 MHz) Intel® Core™2 Duo processor P8700 (2.53 GHz, 3 MB, 1066 MHz)
<b>MEMORY MODULES</b>	1 GB (1 module(s) 1 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM 2 GB (1 module(s) 2 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
<b>Turbo memory</b>	Optional 4 GB
<b>Supported capacity RAM (max.)</b>	4 GB
<b>Memory slots total</b>	2
<b>Memory slot type</b>	DIMM (DDR3)
<b>Memory notes</b>	8 GB - with future memory modules.
<b>HARD DISK DRIVES (INTERNAL)</b>	320 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T. 320 GB, 5400 rpm, FDE, 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. 128 GB SSD SATA, 2.5-inch S.M.A.R.T. 80 GB SSD SATA, 2.5-inch S.M.A.R.T.
<b>Hard disk notes</b>	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software
<b>WLAN (OPTIONAL)</b>	Atheros Minicard b/g 802.11 b/g Intel® Wireless WiFi Link 5300 AGN 11/13ch
<b>WIRELESS TECHNOLOGIES</b>	
<b>Antennas</b>	3 Dual band WLAN antennas, 2 UMTS antennas
<b>Infrared link (Fast IrDa 1.1, 4 Mbps)</b>	1
<b>WLAN notes</b>	Import and usage according to country-specific regulations.
<b>UMTS/HSUPA (OPTIONAL)</b>	Sierra Wireless MC8790 (downlink 7.2 Mbit/s, uplink 2.0 Mbit/s)
<b>BLUETOOTH (OPTIONAL)</b>	Bluetooth 2.1
<b>MODULAR BAY OPTIONS</b>	2nd battery DVD Super Multi Weight saver
<b>Base unit</b>	LIFEBOOK S6420, 13.3-inch WXGA
<b>GENERAL SYSTEM INFORMATION</b>	
<b>Chipset</b>	Intel® GM45, ICH 9-M
<b>Intel platform</b>	Intel® Centrino® technology
<b>BIOS features</b>	BIOS Flash EPROM BIOS based on Phoenix TrustedCore Notebook
<b>GRAPHICS</b>	
<b>Max. resolution external display</b>	1920 x 1200 / true color / 60 Hz
<b>Graphics brand name</b>	Mobile Intel® GMA 4500M HD
<b>Graphics features</b>	DualView (Windows® XP & Windows® Vista)
<b>INTERFACES</b>	
<b>Memory card slots</b>	1 (MS/SD/xD/MS-Pro)
<b>PC Card slot (Type I/II)</b>	1
<b>SIM card slot</b>	1
<b>Modem (RJ-11)</b>	1
<b>USB 2.0 total</b>	3
<b>S-Video out (TV-out)</b>	1

**INTERFACES**

<b>FireWire (IEEE1394)</b>	1
<b>VGA</b>	1
<b>Ethernet (RJ-45)</b>	1
<b>DC-in</b>	1
<b>Audio: line-in / microphone</b>	1
<b>Audio: line-out / headphone</b>	1
<b>Internal microphones</b>	2
<b>Docking connector for Port Replicator</b>	1
<b>Kensington Lock support</b>	1

**WIRED COMMUNICATION**

<b>Modem type</b>	56 K V.92 modem MDC1.5
<b>LAN</b>	Built-in 10/100/1000 MBit/s Marvell 88E8055

**KEYBOARD AND POINTING DEVICES**

	Spill-resistant keyboard
	Number of keyboard keys: 85, Keyboard pitch: 19 mm, Keyboard stroke: 3 mm
	Touchpad with two mouse buttons and scroll via fingerprint sensor
	Fingerprint sensor
	Application buttons
	Status LED

**MULTIMEDIA**

<b>Audio type</b>	On board
<b>Audio codec</b>	Realtek ALC269
<b>Audio features</b>	Stereo speakers, 2 internal microphones
<b>Camera</b>	Built-in webcam, 1.3 megapixel, VGA camera

**POWER SUPPLY**

<b>AC adapter</b>	19 V / 80 W (4.22 A)
<b>Rated voltage range</b>	100 - 240 V (AC Input)
<b>Rated frequency range</b>	50 - 60 Hz
<b>1st battery</b>	1st Li-Ion battery 6-cell, 5800 mAh, 62 Wh
<b>2nd battery (optional)</b>	2nd Li-Ion battery 6 cell (Option), 2500 mAh, 25.3 Wh
<b>Benchmark</b>	Mobile Mark 2005
<b>Runtime 1st battery</b>	5 h (Mobile Mark 2005 reader workload)
<b>Runtime 1st + 2nd battery</b>	8.5 h (Mobile Mark 2005 reader workload)
<b>Battery notes</b>	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.

**POWER CONSUMPTION**

<b>Power consumption note</b>	See white paper Energy Consumption
<b>Link to Energy White Paper</b>	<a href="http://docs.ts.fujitsu.com/dl.aspx?id=5b4ac52e-8324-4683-b833-492c5e3c3e11">http://docs.ts.fujitsu.com/dl.aspx?id=5b4ac52e-8324-4683-b833-492c5e3c3e11</a>

**DIMENSIONS / WEIGHT / ENVIRONMENTAL**

<b>Dimensions (W x D x H)</b>	314 x 234 x 22.4 - 33.5 mm
<b>Weight</b>	1.7 kg
<b>Weight notes</b>	Actual weight may vary depending on configuration
<b>Operating ambient temperature</b>	5 - 35°C
<b>Operating relative humidity</b>	20 - 85 % (running)

**OPERATING SYSTEM**

<b>Operating system optional preinstalled</b>	Microsoft® Windows® 7 Professional 32-bit Microsoft® Windows Vista® Business 32-bit Microsoft® Windows Vista® Home Basic TwinLoad Microsoft® Windows® XP Professional (DVD)
<b>Operating system compatible</b>	Microsoft® Windows® XP Professional
<b>Operating system notes</b>	Driver support for Microsoft® Windows® XP Professional

**ADDITIONAL SOFTWARE**

<b>Office software</b>	Adobe Acrobat Reader Application Panel Display Manager ShockSensor Utility Power Saving Utility Wireless Selector Utility EasyGuide online user documentation Toshiba Stack 4.x (not available for Windows® 7 operating systems)
<b>Multimedia software</b>	Nero Essentials S (burning software)
<b>Internet software</b>	Microsoft® Internet Explorer
<b>Security software</b>	Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP
<b>Additional software (optional)</b>	Recovery DVD (Windows Vista®) Recovery DVD (Windows® 7) Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS) DVD playback software
<b>Additional software (included as a CD/DVD)</b>	SmartCase Logon+

**MANAGEABILITY**

<b>Manageability features</b>	DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional)
<b>Manageability type</b>	DeskView 10.x client management including:
<b>DeskView features</b>	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)
<b>Supported standards</b>	WMI PXE BootP (made4you)
<b>Manageability link</b>	<a href="http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html">http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html</a>

**SECURITY**

<b>Physical security</b>	Kensington Lock support
<b>System security</b>	Computrace® enabled BIOS Optional: Trusted platform module (TPM 1.2) Symantec Norton Internet Security (90 day test version)
<b>User security</b>	Integrated Fingerprint Sensor Integrated SmartCard controller in PC Card with system lock support Hard disk password SystemLock BIOS SmartCard security SmartCase Logon+ incl. Fingerprint software User and supervisor BIOS password

**COMPLIANCE**

<b>Europe</b>	CE CE!
<b>USA/Canada</b>	FCC Class B (depending on wireless configuration) CSA cUL UL
<b>Global</b>	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) WiFi certified ENERGY STAR® 4.0 EPEAT® Silver Compliant with ISO 9241-307 (Pixel fault class II)

**COMPLIANCE**

**Compliance link** <https://sp.ts.fujitsu.com/sites/certificates/default.aspx>

**PORTREPLICATOR INTERFACES (OPTIONAL)**

<b>DC-in</b>	1
<b>Power on switch</b>	1
<b>Audio: headphone</b>	1
<b>Audio: microphone</b>	1
<b>USB 2.0 total</b>	4
<b>VGA</b>	1
<b>DVI</b>	1 (with HDCP Support)
<b>Serial (RS-232)</b>	1
<b>Mouse / Keyboard (PS/2)</b>	1
<b>Ethernet (RJ-45)</b>	1
<b>Parallel</b>	1
<b>Kensington Lock support</b>	2

**RECOMMENDED ACCESSORIES**

<b>AC Adapter</b>	S26391-F2474-L600 (80W) S26391-F408-L300 (100W)
<b>1st battery</b>	S26391-F405-L820
<b>2nd battery</b>	S26391-F441-L200
<b>Memory (2GB)</b>	S26391-F436-L200
<b>1st hard disk drive</b>	S26391-F437-L300 S26391-F439-L800(SSD) S26391-F727-L600(SSD)
<b>DVD super Multi</b>	S26391-F441-L100
<b>Port replicator / AC adapter / cable kit</b>	S26391-F408-L100 (EU cable) S26391-F408-L200 (UK cable)
<b>Recommended cases</b>	S26391-F119-L70 S26391-F119-L141
<b>Accessories included</b>	Exclusive pouch

**WARRANTY**

**Standard Warranty** 2 years  
**Service level** Collect & Return Service / Bring-In Service (depending on country)

**MAINTENANCE AND SUPPORT SERVICES - THE PERFECT EXTENSION**

**Recommended Service** 3 years, On-site Service  
**Spare Parts availability** 5 years  
**Service Weblink** <http://ts.fujitsu.com/Supportservice>



#### FUJITSU PLATFORM SOLUTIONS

In addition to Fujitsu LIFEBOOK S6420, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

#### Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure-as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

#### Computing Products

[www.fujitsu.com/global/services/computing/](http://www.fujitsu.com/global/services/computing/)

#### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

#### MORE INFORMATION

Learn more about Fujitsu LIFEBOOK S6420, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. <http://ts.fujitsu.com/mobile>

#### FUJITSU GREEN POLICY INNOVATION

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at <http://www.fujitsu.com/global/about/environment/>



#### COPYRIGHTS

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded.

Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see [http://ts.fujitsu.com/terms\\_of\\_use.html](http://ts.fujitsu.com/terms_of_use.html)

Copyright © Fujitsu Technology Solutions

#### DISCLAIMER

Technical data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner