

Fujitsu recommends Windows® 7.

# Data Sheet

## Fujitsu LIFEBOOK SH531 Notebook

Your Everyday Compact Companion

The compact Fujitsu LIFEBOOK SH531 is the perfect everyday mobile companion at home, in the office, at school or on the go. With its 33.8 cm (13.3-inch) display this 1.9 kg notebook is small and light enough for every trip. Stay connected with family and colleagues via WLAN, or upgrade your LIFEBOOK SH531 with an external UMTS solution in its 34 mm ExpressCard slot.

### Latest technology

Experience the smart family of Intel® Core™ processors that deliver performance that adapts to your needs, making laptops faster and more responsive

- 2nd generation Intel® Core™ i3 or i5 processor and latest Intel® mobile platform

### Great connectivity

Be available wherever you are; wireless connectivity anytime anywhere.

- WLAN, Bluetooth®, Intel® Wireless Display support, eSATA, ExpressCard slot (34 mm)

### Ergonomic working on the move

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

- Lean notebook weighing only 1.9 kg with a 33.8 cm (13.3-inch) HD outdoor friendly anti-glare display with LED backlight, integrated 1.3 Megapixel webcam and digital microphone

### Multimedia and Entertainment

Enjoy high-definition home entertainment.

- Optional integrated Blu-ray Disc™ drive, 16:9 widescreen format and HDMI to connect your notebook easily to the big screen



# Components

<b>Processor</b>	Intel® Pentium® processor B950 (2.1 GHz, 2 MB) Intel® Core™ i5-2450M processor (2.5 GHz, 3 MB) * Intel® Core™ i5-2430M processor (2.4 GHz, 3 MB) * Intel® Core™ i3-2350M processor (2.3 GHz, 3 MB) * Intel® Core™ i3-2330M processor (2.2 GHz, 3 MB) * *Processor only for retail, SMB, education and government
<b>Operating systems</b>	
<b>Operating system</b>	Genuine Windows® 7 Professional 64-bit Genuine Windows® 7 Home Premium 64-bit Genuine Windows® 7 Home Basic (EM) 64-bit
<b>Memory modules</b>	2 GB (1 module(s) 2 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM 4 GB (1 module(s) 4 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM
<b>Base unit memory</b>	<b>LIFEBOOK SH531</b>
<b>Supported capacity RAM (min.)</b>	2 GB
<b>Supported capacity RAM (max.)</b>	8 GB
<b>Memory slots total</b>	2
<b>Memory slot type</b>	SO DIMM (DDR3, 1333 MHz)
<b>Hard disk drives (internal)</b>	SATA, 7200 rpm, 320 GB, 2.5-inch, S.M.A.R.T. SATA, 5400 rpm, 500 GB, 2.5-inch, S.M.A.R.T. SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.
<b>Hard disk notes</b>	One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software. Up to 18 GB of HDD space is reserved for system recovery
<b>Wireless technologies</b>	
<b>Bluetooth</b>	Integrated V3.0 + EDR (Enhanced Data Rate)
<b>Integrated WLAN</b>	Intel® Centrino® 6205 802.11 a/b/g/n
<b>WLAN encryption</b>	WEP, WPA, WPA2
<b>WLAN max. data rate</b>	up to 300 Mbit/s
<b>WLAN notes</b>	Import and usage according to country-specific regulations.
<b>WiDi support</b>	Yes (with Intel W-LAN)
<b>Optical drive options</b>	Blu-ray Disc™ Combo Drive DVD Super Multi
<b>Base unit</b>	LIFEBOOK SH531
<b>General system information</b>	
<b>Chipset</b>	Intel® HM65
<b>Color</b>	Matt black
<b>Material</b>	Matt
<b>Display</b>	
<b>Display</b>	33.8 cm (13.3-inch), LED backlight, (HD), Anti-glare display, 1366x768 pixel, 600:1, 220 cd
<b>Aspect ratio</b>	16:9
<b>Brightness - typical</b>	220 cd
<b>Contrast - typical</b>	600:1
<b>Graphics</b>	
<b>Graphics brand name</b>	Intel® HD Graphics

**Interfaces**

Memory card slots	1 (4in1 Card Reader supporting SD/SDHC/MS/MS Pro)
ExpressCard slots	1 (34 mm supported)
USB 2.0 total	3 (incl. 1x eSATA & USB combo)
VGA	1
HDMI	1
Ethernet (RJ-45)	1
DC-in	1
Audio: line-in / microphone	1
Audio: line-out / headphone	1
Internal microphones	1
Kensington Lock support	1

**Wired communication**

LAN	Built-in 10/100/1000 MBit/s
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**Keyboard and pointing devices**

Spill-resistant keyboard  
 Number of keyboard keys: 87, Keyboard pitch: 19.05 mm, Keyboard stroke: 1.8 mm  
 Touchpad  
 Status LED

**Multimedia**

Audio type	On board
Audio codec	Realtek ALC269 HD
Audio features	Support of high-definition audio, 2x built-in speakers (stereo), Built-in digital microphone
Camera	Built-in webcam, 1.3 megapixel

**Power supply**

AC adapter	19 V / 60 W
Rated voltage range	100 V - 240 V (AC Input)
Rated frequency range	50 Hz - 60 Hz
1st battery	Li-Ion battery 6-cell, 4400 mAh, 48 Wh
Benchmark	Mobile Mark 2007 (readers mode e.g. surfing the internet, writing E-mails, viewing documents)
Runtime 1st battery	Up to 6.5 h
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time varies depending on usage. The recharge capacity may decrease after some months so that the battery lifetime as well as operating time can not be assured for the whole lifetime of the notebook.

**Power consumption**

Power consumption note	See white paper Energy Consumption
Link to Energy White Paper	<a href="http://docs.ts.fujitsu.com/dl.aspx?id=7481f516-bdb3-4dd2-ac0e-68abad771997">http://docs.ts.fujitsu.com/dl.aspx?id=7481f516-bdb3-4dd2-ac0e-68abad771997</a>

**Dimensions / Weight / Environmental**

Dimensions (W x D x H)	323 x 234 x 32.3 mm
Weight	Approx. 1.9 kg
Weight notes	Weight may vary depending on actual configuration (including battery pack)
Operating ambient temperature	5 - 35°C
Operating relative humidity	20 - 85 %

**Additional Software**

<b>Additional software (preinstalled)</b>	EasyGuide online user documentation Adobe Acrobat Reader CyberLink YouCam Fujitsu Recovery (Hard Disk Based Recovery) Bluetooth Software Suite Norton Internet Security (incl. Firewall) 60 days version Microsoft® Office Starter: reduced-functionality Word and Excel® only, with advertising. No PowerPoint® or Outlook®. Buy Office 2010 to use the full-featured software.
<b>Additional software (optional)</b>	Blu-ray playback software Drivers & Utilities DVD (DUDVD) Recovery DVD for Windows®
<b>Additional software (included as a CD/DVD)</b>	Drivers & Utilities DVD (DUDVD) Recovery DVD (Windows® 7)

**Security**

<b>System protection</b>	Kensington Lock support
<b>Audit proof protection</b>	Computrace® enabled BIOS
<b>Access protection</b>	User and supervisor BIOS password Hard disk password

**Compliance**

<b>Germany</b>	GS in progress
<b>Europe</b>	CE Marking R&TTE (WLAN, Bluetooth®)
<b>Global</b>	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) ENERGY STAR® 5.0 EPEAT® Gold (dedicated regions)
<b>Russia</b>	GOST (WLAN)
<b>Saudi Arabia</b>	SASO
<b>Compliance link</b>	<a href="https://sp.ts.fujitsu.com/sites/certificates/">https://sp.ts.fujitsu.com/sites/certificates/</a>

**Warranty**

<b>Standard Warranty</b>	1 year / 2 years (depending on country)
<b>Service level</b>	Collect & Return Service / Bring-in Service (depending on country specific requirements)

**Maintenance and Support Services - the perfect extension**

<b>Recommended Service</b>	3 years, Collect & Return Service
<b>Spare Parts availability</b>	3 years
<b>Service Weblink</b>	<a href="http://ts.fujitsu.com/Supportservice">http://ts.fujitsu.com/Supportservice</a>

## Recommended Accessories

**USB-Port Replicator PR07**

This Port Replicator is the perfect docking solution for notebooks without a docking connector. Turn your notebook into a desktop complete with two screens for a real productivity boost thanks to the DualView feature. Plus connect to the local area network and to all of your peripherals with a single USB plug.

Order Code:  
S26391-F6007-L300

**Microsaver® DS Ultra thin**

The Fujitsu Kensington MicroSaver® DS Ultra-Thin notebook lock is the ultimate defense for even the thinnest notebooks. The patented T-bar locking mechanism along with an advanced carbon-tempered steel cable design provides excellent security. It also includes Kensington Master Access so you can manage an unlimited number of locks with a single master key.

Order Code:  
S26361-F1650-L900

**Privacy filter**

Privacy filters help block the screen view from anyone viewing the computer from a side view. 3M's unique microlouver privacy technology allows persons directly in front of the computer to see on-screen data clearly. 3M offers the broadest line of computer filters available.

Order Code:  
S26391-F6097-L134

**Supreme Case Midi 13**

The Supreme Case Midi 13 is designed to protect notebooks with up to 13-inch screens. The case features oversized pockets to provide storage for power adapters and is also equipped to hold business card and pens. The padded notebook compartment features shock-absorbing foam for added protection. The strong, structured, leather-wrapped handles are durable and comfortable to carry. The Supreme Case Midi 13 features a professional design, ideal for the traveler who is looking for a functional business case.

Order Code:  
S26391-F119-L750

**CELVIN® Drive D100**

The CELVIN® Drive D100 is a highly reliable external storage device with a standard USB-interface for easy Plug & Play use with a notebook or PC. It is also easy to set up additional home network capacity by connecting it with dedicated routers or NAS devices.

Order Code:  
S26341-F103-L116

## More information

### Fujitsu platform solutions

In addition to Fujitsu LIFEBOOK SH531, 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 SH531, 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/>



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2011-12-20 CE-EN

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