

Fujitsu recommends Windows.

# Data Sheet

## FUJITSU LIFEBOOK NH532

### Notebook

#### Boost your Multimedia Experience

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You are looking for a powerful multimedia notebook then the Fujitsu LIFEBOOK NH532 is the right choice. It enables users to experience their films, photos, social networking and games in stunning HD quality on a brilliant widescreen 43.9 cm (17.3-inch) display. The powerful NVIDIA® GeForce® discrete graphics, Blu-ray Disc™ option and the DTS Boost™ software allow you to enjoy high-definition picture and sound.

#### High performance computing

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

- Up to 3rd generation Intel® Core™ processors and latest Intel® mobile platform.

#### Excellent multimedia experience

Enjoy high-definition home entertainment on the large 43.9 cm (17.3-inch) display with crystal clear sound and graphic performance.

- Powerful NVIDIA® GeForce® GT 640M LE discrete graphics with 2 GB video memory and NVIDIA® Optimus™ technology for graphically rich content, HD+ or FullHD display options for pin-sharp picture quality, 16:9 widescreen format, DTS Boost™ software for crystal clear sound, and optional integrated Blu-ray Disc™ drive

#### Highest connectivity - anywhere, anytime

Be available wherever you are; wireless connectivity anytime anywhere, even if there is no hotspot nearby.

- Integrated WLAN and Bluetooth®, optional embedded 3G/UMTS, full HD webcam, and digital microphone

#### Usability and comfort

Comfortable and ergonomic work in every situation even for the most demanding of users.

- 2nd hard disk drive with Raid function, Anytime USB Charge functionality to charge telephone and media devices even when the system is switched off, on/off switchable HD or Full HD webcam, isolated spill-resistant keyboard with full num pad



# Components

## Operating systems

Operating system	Windows 7 Professional 64-bit Windows 7 Home Premium 64-bit	Windows 8 Windows 8 Pro	Windows 7 Professional 64-bit Windows 7 Home Premium 64-bit	Windows 8 Windows 8 Pro	Windows 7 Professional 64-bit Windows 7 Home Premium 64-bit Windows 8 Windows 8 Pro
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Hard disk notes	Option of second hard disk drive (only same HDD sizes are compatible) or combination of hard disk drive (HDD) and solid state disk (SSD). Raid function (optional, if two HDDs are installed): Raid 0: stripe set for performance Raid 1: mirroring for security Hard disk capacity depends on exact configuration. Please check at your local retailer. Up to 20 GB of HDD space is reserved for system recovery
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## Multimedia

Camera	Built-in webcam, HD	Built-in webcam, Full HD
Camera notes	Webcam frame rate can vary significantly depending on the used software application.	

# Base unit

Base unit	LIFEBOOK NH532 HD+	LIFEBOOK NH532 FHD	LIFEBOOK NH532 FHD glare blue
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## General system information

Chipset	Intel® HM77
Memory slots	2 SO DIMM (DDR3, 1600 MHz)
Supported capacity RAM (min.)	2 GB
Supported capacity RAM (max.)	16 GB
LAN	10/100/1,000 MBit/s
Audio type	On board
Audio codec	Realtek ALC269Q-GR
Audio features	Internal stereo speakers, DTS Boost™ - maximizes acoustic power of your notebook by boosting perceived overall level of the mix, Sound volume control via function key

## Product design

Color	Matt black	Matt black	Matt black	Matt black	Black/blue
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## Display

Display	43.9 cm (17.3-inch), LED backlight, (HD+), Anti-glare display, 1,600 x 900 pixel, 300:1, 220 cd/m <sup>2</sup>	43.9 cm (17.3-inch), LED backlight, (Full HD), Anti-glare display, 1,920 x 1,080 pixel, 500:1, 300 cd/m <sup>2</sup>	43.9 cm (17.3-inch), LED backlight, (Full HD), Glossy display, 1,920 x 1,080 pixel, 300 cd/m <sup>2</sup>
Display notes	Anti Glare panel		Glare panel
Aspect ratio	16:9		
Brightness - typical	220 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	
Contrast - typical	300:1	500:1	

## Graphics

Base unit	LIFEBOOK NH532 HD+	LIFEBOOK NH532 FHD	LIFEBOOK NH532 FHD glare blue
Graphics brand name	NVIDIA® GeForce® GT 640M LE	NVIDIA® GeForce® GT 640M LE	NVIDIA® GeForce® GT 640M LE

**Graphics**

<b>Graphics features</b>	NVIDIA® Optimus™ technology NVIDIA® Cuda™ technology lets your graphics card take over complex computations so that you obtain extreme performance boost for high-res 3D applications within a fraction of the time required on a CPU DirectX® 11 support	NVIDIA® Optimus™ technology NVIDIA® Cuda™ technology lets your graphics card take over complex computations so that you obtain extreme performance boost for high-res 3D applications within a fraction of the time required on a CPU DirectX® 11 support	NVIDIA® Optimus™ technology NVIDIA® Cuda™ technology lets your graphics card take over complex computations so that you obtain extreme performance boost for high-res 3D applications within a fraction of the time required on a CPU DirectX® 11 support
<b>Dedicated video memory</b>	2 GB (DDR3 VRAM)	2 GB (DDR3 VRAM)	2 GB (DDR3 VRAM)

**Interfaces**

<b>DC-in</b>	1
<b>Audio: line-in / microphone</b>	1
<b>Internal microphones</b>	1 (digital)
<b>USB 2.0 total</b>	1 (USB/eSATA combo)
<b>USB 3.0 total</b>	3 (incl. 1x Anytime USB Charge functionality)
<b>VGA</b>	1
<b>HDMI</b>	1 HDMI port 1.4a (output 24-bit color depth)
<b>Ethernet (RJ-45)</b>	1
<b>Memory card slots</b>	1 x 4in1 Card Reader (SD/SDHC/MS/MS Pro)
<b>Express card slots</b>	1 (34 / 54 mm) (34 mm and 54 mm supported)
<b>SIM card slot</b>	1

**Keyboard and pointing devices**

Spill-resistant isolated keyboard with number block  
Touchpad  
Status LED

**Wireless technologies**

<b>Bluetooth</b>	Integrated V4.0 + HS
<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.

**Power supply**

<b>AC adapter</b>	19 V / 120 W (6.32 A)
<b>Rated voltage range</b>	100 V - 240 V (AC Input)
<b>Rated frequency range</b>	50 Hz - 60 Hz
<b>1st battery</b>	Li-Ion battery 6-cell, 5200 mAh, 57 Wh      Li-Ion battery 8-cell, 5800 mAh, 83 Wh
<b>Benchmark</b>	Mobile Mark 2007 (readers mode – e.g. surfing the internet, writing E-mails, viewing documents)
<b>Runtime 1st battery</b>	up to 5 h      up to 7 h
<b>Battery notes</b>	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.

**Dimensions / Weight / Environmental**

<b>Dimensions (W x D x H)</b>	410 x 270 x 20.4 (front) / 35 (back) mm
<b>Weight</b>	Approx. 3.0 kg
<b>Weight notes</b>	Weight may vary depending on actual configuration (including battery pack)

**Compliance**

<b>Model</b>	Fujitsu LIFEBOOK NH532
<b>Europe</b>	EPEAT® Gold
<b>Compliance link</b>	<a href="http://globalsp.ts.fujitsu.com/sites/certificates">http://globalsp.ts.fujitsu.com/sites/certificates</a>

**Additional Software**

<b>Additional software (preinstalled)</b>	EasyGuide online user documentation Adobe® Reader® (pdf reader) CyberLink YouCam (webcam software) Fujitsu Recovery (hard disk based recovery) Bluetooth Software Suite Norton Internet Security (incl. Firewall) 60 days version Microsoft Office (buy license to activate the pre-installed Microsoft Office)					
<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)	Drivers & Utilities DVD (DUDVD) Recovery DVD for Windows®	Drivers & Utilities DVD (DUDVD) Recovery DVD (Windows 7)	Drivers & Utilities DVD (DUDVD) Recovery DVD for Windows®	Drivers & Utilities DVD (DUDVD) Recovery DVD (Windows 7)	Drivers & Utilities DVD (DUDVD) Recovery DVD (Windows 7)

**Security**

<b>Physical Security</b>	Kensington Lock support
<b>System and BIOS Security</b>	Computrace® enabled BIOS
<b>User Security</b>	User and supervisor BIOS password Hard disk password

**Warranty**

<b>Standard Warranty</b>	1 year / 2 years (depending on country)
<b>Service level</b>	Collect & Return Service / Bring-in Service (for countries within region FTS CEMEA&I, for all other countries depending on local regulations)
<b>Warranty Terms &amp; Conditions</b>	<a href="http://support.ts.fujitsu.com/warranty">http://support.ts.fujitsu.com/warranty</a>
<b>Maintenance and Support Services - the perfect extension</b>	
<b>Recommended Service</b>	9x5, Response Time: Next Business Day
<b>Spare Parts availability</b>	3 years after end of product life
<b>Service Weblink</b>	<a href="http://www.fujitsu.com/fts/services/support">http://www.fujitsu.com/fts/services/support</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

**AC Adapter LIFEBOOK**

Power your notebook at work, at home or on the road with a second power source. You can easily recharge your notebook everywhere. Depending on your notebook you can choose from various AC Adapters ranging from a slim stick type adapter to standard adapters, or even the innovative 0-Watt AC Adapter.

Order Code:  
S26391-F478-L100

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**Wireless Mouse W1200**



The Wireless Mouse W1200 uses the latest wireless 2.4 GHz technology, and a high-resolution 1000 dpi optical sensor to give you the precision and reliability you need. Sporting a compact design with a stylish black finish, the W1200 wireless mouse is well suited to all environments and to each user whether right or left handed.

Order Code:  
S26381-K462-L100

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**SOUNDSYSTEM DS E2000 Air**



The new more powerful SOUNDSYSTEM DS E2000 Air gives you impressive, well-balanced sound throughout the frequency band. It is an unbeatable USB speaker set with a surprisingly small form factor. The robust satellite speakers are decorated with a deluxe piano finish and the base is adorned with warm ambient lighting.

Order Code:  
S26391-F7128-L600

## More information

### Fujitsu OPTIMIZATION Services

In addition to FUJITSU LIFEBOOK NH532, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

### Fujitsu Portfolio

Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

### 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 NH532, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
[www.fujitsu.com/fts/mobile](http://www.fujitsu.com/fts/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 contribute to the creation of a sustainable environment for future generations through IT. Please find further information at <http://www.fujitsu.com/global/about/environment>



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