

Fujitsu recommends Windows 8 Pro.

# Data Sheet

## Fujitsu LIFEBOOK NH751 Notebook

### Multimedia Meets Design

The Fujitsu LIFEBOOK NH751 notebook is a mobile cinema that enables users to experience their films, photos, social networking and games in stunning quality on a brilliant widescreen 43.9 cm (17.3-inch) display. The powerful NVIDIA® GeForce® GT 525M discrete graphics with NVIDIA® Optimus™ technology delivers the outstanding graphics performance you expect. While the spill-resistant keyboard provides extra reliability, the high-gloss black finish, the frameless display and an outstanding slim profile make the notebook a real head-turner.



#### Processor Technology

2nd generation Intel® Core™ processors and latest Intel® mobile platform.

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

#### Appealing Design

High-gloss material finish, slim profile, and frameless display make the notebook a real head-turner.

- Chrome highlights, glossy black cover, slim cool design, and full flat frameless display

#### Multimedia and Entertainment

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

- Powerful NVIDIA® GeForce® GT 525M discrete graphics with up to 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, 5-way surround system, and optional integrated Blu-ray Disc™ drive



#### Usability and Comfort

Offering comfortable working conditions.

- 1.3 megapixel webcam and integrated digital microphone; full size keyboard plus extra number block; optional second hard disk drive for more storage space

#### Reliability and Security

Protect your most valuable data like pictures, videos and more.

- Spill-resistant keyboard to protect your notebook against accidentally spilt liquids and Computrace® enabled BIOS for security



# Components

<b>Processor</b>	Intel® Pentium® processor B950 (2.1 GHz, 2 MB)
	Intel® Core™ i7-2670QM processor (2.2 GHz, 6 MB) *
	Intel® Core™ i7-2640M processor (2.8 GHz, 4 MB)
	Intel® Core™ i7-2630QM processor (2.0 GHz, 6 MB) *
	Intel® Core™ i5-2450M processor (2.5 GHz, 3 MB) *
	Intel® Core™ i3-2350M processor (2.3 GHz, 3 MB) *
	*Processor only for retail, SMB, education and government
	Intel® Core™ i7 processor
<b>Operating systems</b>	
<b>Operating system</b>	Windows® 7 Professional 64-bit Windows® 7 Home Premium 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 NH751 HD+</b> <b>LIFEBOOK NH751 HD+ 2GB VRAM</b> <b>LIFEBOOK NH751 FHD 2GB VRAM</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>	SSD SATA III, 128 GB, 2.5-inch SATA, 7200 rpm, 320 GB, 2.5-inch, S.M.A.R.T. SATA, 5400 rpm, 750 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. SATA, 5400 rpm, 2 TB (2 x 1 TB), 2.5-inch, S.M.A.R.T. SATA, 5400 rpm, 1.5 TB (2 x 750 GB), 2.5-inch, S.M.A.R.T. SATA, 5400 rpm, 1 TB (2 x 500 GB), 2.5-inch, S.M.A.R.T. SATA, 5400 rpm, 1 TB, 2.5-inch, S.M.A.R.T.
<b>Hard disk notes</b>	Option of a second hard disk drive (2 x 750 GB or 2 x 500 GB). Hard disk capacity depends on exact configuration. Please check at your local retailer. Up to 18 GB of HDD space is reserved for system recovery
<b>WLAN (optional)</b>	Atheros Minicard 802.11 b/g/n Intel® Centrino® 6205 802.11 a/b/g/n
<b>Wireless technologies</b>	
<b>Bluetooth</b>	Integrated V3.0 + EDR (Enhanced Data Rate)
<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>Optical drive options</b>	Blu-ray Disc™ Triple Writer DVD Super Multi
<b>Base unit</b>	<b>LIFEBOOK NH751 HD+</b> <b>LIFEBOOK NH751 HD+ 2GB VRAM</b> <b>LIFEBOOK NH751 FHD 2GB VRAM</b>
<b>General system information</b>	
<b>Chipset</b>	Intel® HM65

<b>Display</b>			
<b>Display</b>	43.9 cm (17.3-inch), LED backlight, (HD+), Glossy, 1600x900 pixel		43.9 cm (17.3-inch), LED backlight, (Full HD), Glossy, 1920x1080 pixel
<b>Display notes</b>	Frameless full flat panel		
<b>Aspect ratio</b>	16:9		
<b>Brightness - typical</b>	220 cd/m <sup>2</sup>	220 cd	300 cd
<b>Graphics</b>			
<b>Graphics brand name</b>	NVIDIA® GeForce® GT 525M		NVIDIA® GeForce® GT 525M
<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 NVIDIA® PhysX™ delivers the most advanced gaming physics, to define a totally new level of dynamic motion and interaction 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 NVIDIA® PhysX™ delivers the most advanced gaming physics, to define a totally new level of dynamic motion and interaction DirectX® 11 support
<b>Dedicated video memory</b>	1 GB (DDR3 VRAM)		2 GB (DDR3 VRAM)
<b>Interfaces</b>			
<b>Memory card slots</b>	1 x 4in1 Card Reader (SD/SDHC/MS/MS Pro)	1 x 4in1 Card Reader (SD/SDHC/MS/MS Pro)	1 x 4in1 Card Reader (SD/SDHC/MS/MS Pro)
<b>ExpressCard slots</b>	1 (34 / 54 mm)	1 (34 / 54 mm)	1 (34 / 54 mm)
<b>USB 3.0 total</b>	1		1
<b>USB 2.0 total</b>	4 (incl. 1x eSATA & USB combo and 1x Anytime USB Charge functionality)	2 and 1 x USB 3.0	3 (incl. 1x eSATA & USB combo and 1x Anytime USB Charge functionality)
<b>VGA</b>	1		1
<b>HDMI</b>	1 HDMI port 1.4a (output 24-bit color depth)	1 HDMI port 1.4a (output 24-bit color depth)	1 HDMI port 1.4a (output 24-bit color depth)
<b>Ethernet (RJ-45)</b>	1		1
<b>DC-in</b>	1		1
<b>Audio: line-in / microphone</b>	1		1
<b>Audio: headphone out / SPDIF</b>	1		1
<b>Internal microphones</b>	1 (digital)		1 (digital)
<b>Kensington Lock support</b>	1		1
<b>Wired communication</b>			
<b>LAN</b>	10/100/1000 MBit/s		
<b>Keyboard and pointing devices</b>			
	Spill-resistant keyboard with number block		
	Number of keyboard keys: 106, Keyboard pitch: 19.05 mm, Keyboard stroke: 2.5 mm	keyboard keys qty: 106, keyboard pitch: 19.05 mm, keyboard stroke: 2.5 mm	Number of keyboard keys: 106, Keyboard pitch: 19.05 mm, Keyboard stroke: 2.5 mm
	Touchpad Status LED		
<b>Multimedia</b>			
<b>Audio type</b>	On board		
<b>Audio codec</b>	Realtek ALC269 VA		
<b>Audio features</b>	Support of high-definition audio, DTS Surround Sound, 5x built-in speakers, Built-in digital microphone, Sound volume control via function key		
<b>Audio notes</b>	Manufactured under license from DTS Licensing Limited. DTS, the Symbol, & DTS and the Symbol together are registered trademarks & DTS Boost is a trademark of DTS, Inc. Product includes software. © DTS, Inc. All Rights Reserved.		
<b>Camera</b>	Built-in webcam, 1.3 megapixel		

**Power supply**

AC adapter	19 V / 120 W (6.32 A)
Rated voltage range	100 V - 240 V (AC Input)
Rated frequency range	50 Hz - 60 Hz
1st battery	Li-Ion battery 8-cell, 5200 mAh, 75 Wh Li-Ion battery 8-cell Li-Ion battery 8-cell, 5200 mAh, 75 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.

**Dimensions / Weight / Environmental**

Dimensions (W x D x H)	410 x 270 x 32.6 (front) / 37.15 (back) mm
Weight	Approx. 3.6 kg
Weight notes	Weight may vary depending on actual configuration (including battery pack)
Operating relative humidity	20 - 85 %

**Additional Software**

Additional software (preinstalled)	EasyGuide online user documentation Adobe® Reader® CyberLink YouCam Fujitsu Recovery (Hard Disk Based Recovery) Bluetooth Software Suite Norton Internet Security (incl. Firewall) 60 days version Don't forget Office.
Additional software (optional)	Blu-ray playback software Drivers & Utilities DVD (DUDVD) Recovery DVD for Windows®
Additional software (included as a CD/DVD)	Drivers & Utilities DVD (DUDVD) Recovery DVD (Windows® 7)

**Security**

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

**Compliance**

Model	Fujitsu LIFEBOOK NH751
Europe	CB CE Marking R&TTE (WLAN, Bluetooth®)
Global	ENERGY STAR® 5.0 RoHS (Restriction of hazardous substances)
Russia	GOST (WLAN)
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates/">https://sp.ts.fujitsu.com/sites/certificates/</a>

**Warranty**

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

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

Recommended Service	3 years, Collect & Return Service
Spare Parts availability	3 years
Service Weblink	<a href="http://www.fujitsu.com/fts/services/support">http://www.fujitsu.com/fts/services/support</a>



## Recommended Accessories

### 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 microlouer 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-L144

### Prestige Case Backpack 17



The Prestige Case Backpack 17 protects notebooks with up to 17-inch displays. It contains three large compartments, two elastic mesh side pockets and a front bay. The padded back compartment provides protection for your notebook, while other sections store power adaptors and office supplies. Padded shoulder straps and back cushions provide comfort on the move.

Order Code:  
S26391-F1191-L134

### Bluetooth® Mouse V470



The latest Bluetooth technology makes cables a thing of the past. The Bluetooth® Mouse V470 has a sensitive laser sensor with a resolution of 1.000 dpi. This delivers smoother cursor control on nearly any surface. Scroll horizontally or vertically with the 4-way tilt scroll wheel and take it wherever you go.

Order Code:  
LTC:M-RCQ142

### 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-L118

### Slim USB DVB-T Basic



Receive digital TV wherever you want: with the new Slim USB DVB-T Basic. Smaller than last generation, the new USB DVB-T Tuner has a slimmer and more portable design. You can also receive FM Radio signal with your laptop or PC anytime and anywhere. All this in efficient and an power-saving package.

Order Code:  
S26391-F7125-L3

## More information

### Fujitsu OPTIMIZATION Services

In addition to Fujitsu LIFEBOOK NH751, 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 NH751, 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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### CONTACT

FUJITSU Technology Solutions  
Website: [www.fujitsu.com/fts](http://www.fujitsu.com/fts)  
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