

Windows®. Life without Walls™.  
Fujitsu recommends Windows 7.

# Data Sheet

## Fujitsu LIFEBOOK NH570

### Notebook

Mobile cinema in style

#### LIFEBOOK NH570

The LIFEBOOK NH570 notebook is a mobile cinema that enables users to experience their films, photos, social networking and games in stunning quality on a brilliant widescreen 46.7cm (18.4-inch) display, whenever and wherever they want. The solid design and the spill-resistant keyboard provide extra reliability, while the high-gloss black finish and slim profile make the notebook a real head-turner.



#### Processor Technology

New 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 and slim profile make the notebook a real head-turner.

- Chrome highlights, glossy black cover, slim design

#### Multimedia and Entertainment

Enjoy high-definition home entertainment on the big 46.7 cm (18.4-inch) widescreen display.

- BrilliantView display technology for pin-sharp picture quality, 16:9 widescreen format to watch DVDs in their native resolution and optionally an integrated Blu-ray Disc™ drive



#### Usability and Comfort

LIFEBOOK NH570 offers comfortable working conditions.

- 1.3 megapixel webcam and integrated digital microphone; full size keyboard plus extra number block and extra large touchpad with gesture functionality (Chiral motion function, Momentum motion function, Pinch zoom function, Flick function); option for a second hard disk drive (only for models with dedicated graphics card)

#### Reliability and Security

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

- Spill-resistant keyboard to protect your notebook against accidentally spilt liquids; fingerprint sensor (only for models with dedicated graphics card); Computrace® enabled BIOS and Advanced Theft Protection (ATP)



# Components

<b>Processor</b>	Intel® Core™ i7-640M processor (2.80 GHz, 4 MB) Intel® Core™ i7-620M processor (2.66 GHz, 4 MB) Intel® Core™ i5-480M processor (2.66 GHz, 3 MB) * Intel® Core™ i5-460M processor (2.53 GHz, 3 MB) * Intel® Core™ i3-380M processor (2.53 GHz, 3 MB) * Intel® Core™ i3-370M processor (2.40 GHz, 3 MB) * Intel® Pentium® processor P6100 (2.00 GHz, 3 MB) *Processor only for retail, SMB, education and government
<b>Operating system</b>	Genuine Windows® 7 Professional Genuine Windows® 7 Home Premium
<b>Operating system notes</b>	Dependent on configuration Windows 7® versions are: Microsoft Office 2007 ready Microsoft Office 2010 preloaded. Purchase a Product Key to activate a full Microsoft Office 2010 suite.
<b>Memory modules</b>	2 GB (1 module(s) 2 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM 4 GB (1 module(s) 4 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
<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, 1066 MHz)
<b>Hard disk drives (internal)</b>	SATA, 5400 rpm, 640 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, 160 GB, 2.5-inch, S.M.A.R.T. SATA, 5400 rpm, 1.28 TB (2 x 640 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.
<b>Hard disk notes</b>	Option of a second hard disk drive (2 x 640 GB or 2 x 500 GB) is only for models with discrete graphics. Hard disk capacity depends on exact configuration. Please check at your local retailer.
<b>Wireless technologies</b>	
<b>Bluetooth</b>	Integrated v2.1 + EDR (Enhanced Data Rate) (Optional)    Integrated v2.1 + EDR (Enhanced Data Rate)
<b>Integrated WLAN</b>	Atheros HB97 (IEEE 802.11b/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>Optical drive options</b>	Blu-ray Disc™ Combo Drive Blu-ray Disc™ Triple Writer DVD Super Multi
<b>Base unit</b>	LIFEBOOK NH570 (integrated graphics)                      LIFEBOOK NH570 (discrete graphics)
<b>General system information</b>	
<b>Chipset</b>	Intel® HM55
<b>Display</b>	
<b>Display</b>	46.7 cm (18.4-inch), TFT, (HD+), Glossy, 1680 x 945 pixel

<b>Display</b>		
Aspect ratio	16:9	
<b>Graphics</b>		
TFT resolution (VGA)	up to 1920 x 1200	up to 1920 x 1200
Max. resolution external display	up to 1920 x 1200	up to 1920 x 1200
Graphics brand name	Intel® HD Graphics	NVIDIA® GeForce® GT 330M
Graphics features	DirectX® 10 support	DirectX® 10 support
Graphics notes	With 64-bit Windows® 7 operating systems, shared video memory sizes are as follows: - 2048 MB system memory enables up to 729 MB static and shared memory - 4096 MB system memory enables up to 1695 MB static and shared memory - 8192 MB system memory enables up to 1695 MB static and shared memory	
Dedicated video memory		1 GB
Shared video memory	up to 1695 MB	
<b>Interfaces</b>		
Memory card slots	1 (supported formats: SD, SDHC, MS, MMC) (supported formats: SD, SDHC, MS, MMC)	1 (supported formats: SD, SDHC, MS, MMC) (supported formats: SD,SDHC,MS,MMC)
ExpressCard slots	1 (34/54 mm)	1 (34/54 mm)
eSATA	1	1
USB 2.0 total	3	3
FireWire (IEEE1394)	1	1
VGA	1	1
HDMI	1	1
Ethernet (RJ-45)	1	1
DC-in	1	1
Audio: headphone out	1	
Audio: microphone	1	1
Audio: headphone out / SPDIF		1
Audio: line-in	1	1
Internal microphones	1 (digital)	1 (digital)
Kensington Lock support	1	1
<b>Wired communication</b>		
LAN	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	
	Multi gesture touchpad with two mouse buttons and one scroll button	Multi gesture touchpad with two mouse buttons and fingerprint sensor
	Status LED	Status LED
<b>Multimedia</b>		
Audio type	On board	
Audio features	Support of high-definition audio, 2x built-in speakers (stereo), Built-in digital microphone, Sound volume control via function key	
Camera	Built-in webcam, 1.3 megapixel	
<b>Power supply</b>		
AC adapter	19 V / 80 W (4.22 A)	19 V / 100 W (5.27 A)
Rated voltage range	100 V - 240 V (AC Input)	
Rated frequency range	50 Hz - 60 Hz	

**Power supply**

<b>1st battery</b>	Li-Ion battery 6-cell, 5200 mAh, 56 Wh	Li-Ion battery 8-cell, 5200 mAh, 75 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 3:30 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.	

**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=6128e0b1-3a62-49dc-a84f-5b868010ee63">http://docs.ts.fujitsu.com/dl.aspx?id=6128e0b1-3a62-49dc-a84f-5b868010ee63</a>	

**Dimensions / Weight / Environmental**

<b>Dimensions (W x D x H)</b>	437 x 286 x 30.1 mm (front) / 40.4 mm (back) mm	
<b>Weight</b>	Approx. 3.5 kg	Approx. 3.6 kg
<b>Weight notes</b>	Weight may vary depending on actual configuration (including battery pack)	

**Additional Software**

<b>Additional software (preinstalled)</b>	Adobe Acrobat Reader CyberLink YouCam Microsoft® Office Ready (60-day trial version for Microsoft® Office Professional software package, only with Windows® 7 operating system) Norton Internet Security (incl. Firewall) 90 days version	
<b>Additional software (optional)</b>	Drivers & Utilities DVD (DUDVD) Recovery DVD for Windows®	Blu-ray playback software Drivers & Utilities DVD (DUDVD) Fingerprint software Recovery DVD for Windows®

**Security**

<b>Physical security</b>	Kensington Lock support	
<b>User security</b>	User and supervisor BIOS password	User and supervisor BIOS password Optional: Integrated fingerprint sensor

**Compliance**

<b>Europe</b>	CE Marking R&TTE (WLAN, Bluetooth®)	
<b>Global</b>	ENERGY STAR® 5.0 RoHS (Restriction of hazardous substances) EPEAT® Silver	
<b>Russia</b>	GOST	
<b>Compliance link</b>	<a href="https://sp.ts.fujitsu.com/sites/certificates/default.aspx">https://sp.ts.fujitsu.com/sites/certificates/default.aspx</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 county 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

### Notebook Laser Mouse WI600 Micro-Receiver



The Notebook Mouse WI600 uses the latest wireless 2.4 technology when connecting to your notebook or PC. Using an ultra-high resolution 1600 dpi Laser sensor, the WI600 wireless mouse gives you the precision you need to work accurately and efficiently.

Order Code:  
S26381-K429-L100

### Slim Mobile Express DVB-T



Receiving digital TV wherever you want: with the new Slim Mobile Express DVB-T. Once you plug in this unique "Plug & Forget" ExpressCard 34 mm tuner; then, you need not to remove it from the slot again! You could also travel up to 140 km/h without any compromise of TV signal quality.

Order Code:  
S26391-F7125-L2

### HS S2000NC Headset



The HS S2000NC Headset offers more than current headsets. Besides superb sound quality, the headset provides an impressive feature: a button to switch off noise and disburden your ears of unwanted noise level.

Order Code:  
S26391-F7139-L3

### Air Command Plus



Can't get away from the game playing with the latest LIFEBOOK notebook or CELSIUS Gaming Working Station? Air Command Plus is the best companion for PC and notebook, optimized for all the sports games. The best has yet to come: Air Command Plus also supports the latest games on the market.

Order Code:  
S26391-F7111-L200

### SOUNDSYSTEM DS P2100 Tube



The new stylish and elegant SOUNDSYSTEM DS P2100 Tube has been added to our multimedia portfolio. Taking inspiration from a hi-fi sound bar, the P2100 Tube presents you with living room design art pieces for acoustic enjoyment. The small & robust satellite speaker is decorated with a deluxe piano finish and the aluminum tube is adorned with a fine print of an exotic motif at its base - a final touch to complete this fantastic artwork.

Order Code:  
S26391-F7128-L500

### Backpack A18



This stylish backpack with optimized design to carry big notebooks. One compartment for notebook and additional space for documents; in the front two compartment, the top one for mobile, pen or keys, the lower one for AC adapter and cable.

Order Code:  
S26391-F119-L162

## More information

### Fujitsu platform solutions

In addition to Fujitsu LIFEBOOK NH570, 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 NH570, 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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