

# DATASHEET

## AMILO PI 3560

### An elegant home cinema

Issue: December 2009

The Notebook AMILO Pi 3560 combines an exciting external design with excellent inner qualities. The high-performance NVIDIA® GeForce® GT 240M graphics card with real-life image quality, whether you are enjoying your favourite game or watching your favourite series in HD quality with friends - that's no problem thanks to the optional Blu-ray drive. The BrilliantView display in 16:9 format provides fantastically clear images and brilliant colours. Entertainment whenever and wherever you want.

#### PROCESSOR TECHNOLOGY

- Intel® mobile processor technology with Intel® Core™2 Duo processor

#### RELIABILITY AND SECURITY FOR YOUR NOTEBOOK

- Spillproof keyboard to protect your notebook against accidentally spilt liquids

#### DISPLAY

- 39.6 or 40.6 cm (15.6 or 16-inch) TFT HD display with BrilliantView technology and a 16:9 widescreen format
- Energy-saving LED display technology - perfect for outdoor use

#### MULTIMEDIA AND COMMUNICATION

- High-performance NVIDIA® GeForce® GT 240M with 1 GB dedicated VRAM and HDMI interface
- Integrated 1.3 megapixel webcam and built-in digital array microphone are perfect for video conferencing and Internet telephony (VoIP)
- Surf the internet and check your e-mails when and wherever you want thanks to the integrated WLAN
- Integrated Blu-ray Disc™ drive to enjoy your favorite movies in HD quality (optional)

#### BEST CONNECTIVITY

- Integrated Bluetooth to synchronize the calendars of your notebook and mobile phone
- 5-in-1 card reader for easy access to pictures, movies and more
- 2x USB 2.0 ports for 3G/UMTS sticks or any other kind of accessories and peripherals
- eSATA for superfast data transfer



Windows 7



## COMPONENTS

### PROCESSOR

Intel® Pentium® processor T4400 (2.2 GHz, 1 MB, 800 MHz)  
 Intel® Pentium® processor T4300 (2.1 GHz, 1 MB, 800 MHz)  
 Intel® Core™2 Duo processor T6600 (2.2 GHz, 2 MB, 800 MHz)  
 Intel® Core™2 Duo processor P7450 (2.13 GHz, 3 MB, 1066 MHz)

### Processor notes

Processor depends on exact configuration. Please check at your local retailer.

### MEMORY OPTIONS

3 GB (2 module(s) with 1 GB and 2 GB, DDR2), 800 MHz  
 4 GB (2 module(s) with 2 GB, DDR2), 800 MHz  
 6 GB (2 module(s) with 2 and 4 GB, DDR2), 800 MHz  
 8 GB (2 module(s) with 4 GB, DDR2), 800 MHz

### Supported capacity RAM (min.)

3 GB

### Supported capacity RAM (max.)

8 GB

### Memory slots total

2

### Memory slot type

SO DIMM (DDR2, 800 MHz)

### Memory notes

Memory size depends on exact configuration. Please check at your local retailer.

### HARD DISK DRIVES (INTERNAL)

640 GB, 5400 rpm, SATA, 2.5-inch, HDD cache: , S.M.A.R.T.  
 500 GB, 5400 rpm, SATA, 2.5-inch, HDD cache: 8 MB, S.M.A.R.T.  
 320 GB, 5400 rpm, SATA, 2.5-inch, HDD cache: 8 MB, S.M.A.R.T.

### Hard disk notes

Hard disk capacity depends on exact configuration. Please check at your local retailer.  
 One Gigabyte equals one billion bytes, when referring to hard disk drive capacity.

### OPTICAL DRIVES

#### Optical drive technology

Blu-ray Disc™ drive incl. SuperMulti-format DVD burner with double layer (DL) support

SuperMulti-format DVD burner with double layer (DL) support

#### Interface type

SATA

SATA

#### Optical drive read speed

BD 2x, CD-ROM 24x, DVD-ROM 8x

CD-ROM 24x, DVD-ROM 8x

#### Optical drive write speed

CD-R 16x, CD-RW 10x, DVD+R 8x, DVD-R 8x, DVD+RW 4x, DVD-RW 4x, DVD+R DL (8.5 GB) 4x, DVD-R DL (8.5 GB) 4x, DVD-RAM 5x

CD-R 24x, CD-RW 16x, DVD+R 8x, DVD-R 8x, DVD+RW 8x, DVD-RW 6x, DVD+R DL (8.5 GB) 6x, DVD-R DL (8.5 GB) 6x, DVD-RAM 5x

### Optical drive notes

Optical disc drive depends on exact configuration. Please check at your local retailer.

### DISPLAY

#### Base unit name

AMILO Pi 3560 (40.6 cm / 16-inch)

AMILO Pi 3560 (39.6 cm / 15.6-inch)

#### Display

40.6 cm (16-inch); LED backlight, BrilliantView TFT; (HD); glossy display

39.6 cm (15.6-inch); LED backlight, BrilliantView TFT; (HD); glossy display

#### Aspect ratio

16:9

#### Display Resolution type

HD

#### Resolution (native)

1366 x 768 pixel

#### Response time typical

8 ms

10 ms

#### Brightness - typical

220 NIT

#### Contrast - typical

400 : 1

600 : 1

### BATTERY

#### Battery voltage

11.1 V

#### Battery runtime (idle mode)

Up to 3:00 hours

#### Battery runtime (DVD playback)

Up to 2:00 hours (depending on usage)

#### Battery charging time (idle mode)

Up to 1:30 hours

#### Battery charging time (maximum active mode)

Up to 2:00 hours (depending on usage)

#### Battery charging time (off mode)

Up to 1:30 hour

<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. Battery runtime tested with MobileMark 2007 at 50% LCD brightness.
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## AMILO PI 3560

### OPERATING SYSTEM

<b>Operating system compatible</b>	Genuine Microsoft® Windows® 7 Home Premium 64-bit Genuine Microsoft® Windows Vista® Home Premium 64-bit
<b>Recovery application</b>	Recovery media is included. Drivers and Utility on CD or DVD is included optionally.
<b>Drivers</b>	Updates are downloadable at <a href="http://ts.fujitsu.com/support">http://ts.fujitsu.com/support</a>

### PRODUCT DESIGN

<b>Color</b>	Glossy black cover and silver palmrest with design pattern
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### GENERAL SYSTEM INFORMATION

<b>System architecture</b>	Intel® Mobile Processor Technology
<b>Chipset</b>	Intel® PM45, ICH 9-M

### GRAPHICS

<b>Graphics brand name</b>	NVIDIA® GeForce® GT 240M
<b>Dedicated video memory</b>	1 GB (DDR3 VRAM, 800 MHz)
<b>Shared video memory</b>	up to 4606 MB
<b>3D Benchmark points</b>	Up to 6300 (3D Mark 2006, depending on configuration); up to 2550 (3D Vantage)
<b>Max. resolution external display</b>	1080p (HDMI); 2048 x 1536 pixels (QXGA) for a 4:3 display (VGA)
<b>Graphics features</b>	NVIDIA® PhysX™ delivers the most advanced gaming physics, to define a totally new level of dynamic motion and interaction 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® PureVideo® HD technology - Ultra-smooth video playback - Superb picture clarity and - Precise, vivid colors on any display DirectX® 10.1 support - for stunning 3D graphics and shading effects

<b>Graphics notes</b>	Shared video memory size may vary depending on configuration and the version of the operating system. The video memory size that is displayed in the system information software, as well as the actually used video memory size depends on Microsoft® Windows Vista® memory management. The following values might serve as orientation. - 3072 MB system memory enables up to 2301 MB static and shared memory - 4096 MB system memory enables up to 2798 MB static and shared memory - 6144 MB system memory enables up to 3822 MB static and shared memory - 8192 MB system memory enables up to 4606 MB static and shared memory
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### INTERFACES

<b>DC-in</b>	1
<b>Audio: line-in</b>	1
<b>Audio: line-out / headphones / SPDIF</b>	1
<b>Audio: microphone</b>	1
<b>Internal microphones</b>	2
<b>USB 2.0 total</b>	2
<b>eSATA &amp; USB combo</b>	1
<b>VGA</b>	1
<b>HDMI</b>	1 (version 1.3a, incl. HDCP support)
<b>Ethernet (RJ-45)</b>	1
<b>Memory card slots</b>	1x 5-in-1 (supported formats: SD, MS, MS PRO, MMC, XD picture card with SDHC support)
<b>Express card slots</b>	1 (34 / 54 mm)
<b>Kensington Lock support</b>	1

### COMMUNICATION

<b>Bluetooth</b>	Integrated v2.1 + EDR (Enhanced Data Rate)
<b>LAN type</b>	Gigabit Ethernet (10/100/1000 Mbit/s)
<b>WLAN</b>	Built-in WLAN (Wireless Local Area Network)

## WLAN (OPTIONAL)

<b>WLAN name</b>	pre-n WLAN (IEEE 802.11b/g/pre-n)
<b>WLAN max. data rate</b>	up to 300 Mbit/s
<b>WLAN encryption</b>	WEP, WPA, WPA2
<b>WLAN notes</b>	For use in: BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY

## AUDIO

<b>Audio type</b>	On board
<b>Audio codec</b>	Realtek ALC272
<b>Audio features</b>	Support of high-definition audio for S/PDIF output with up to 5.1 channels 2x built-in stereo speakers (1 W each) Built-in digital array microphone Sound volume control via function key (down: Fn+F4; up: Fn+F5)

## CAMERA

<b>Camera</b>	1.3 megapixel webcam
<b>Frame rate</b>	30 per second (depending on the resolution)
<b>Camera features</b>	Automatic brightness adjustment with status LED (blue: on, red: streaming / application on)
<b>Camera notes</b>	Webcam frame rate can vary significantly depending on the used software application.

## INPUT DEVICES / CONTROL BUTTONS

<b>Power Button</b>	Located left of the keyboard, back-lighted
<b>Keyboard</b>	Spill-resistant keyboard
<b>Number of keyboard keys</b>	85
<b>Keyboard notes</b>	In the event of an accidental spill, Fujitsu recommends that users keep the system power off and consult Fujitsu Service & Support or an Authorized Service Provider.
<b>Input device(s)</b>	Hidden touchpad, with left and right mouse button, touchpad disable function via function key combination (Fn+F6)

## HOT KEYS

<b>Hot key Fn+F1</b>	WLAN / Bluetooth on / off
<b>Hot key Fn+F3</b>	Mute on / off
<b>Hot key Fn+F4</b>	Volume down
<b>Hot key Fn+F5</b>	Volume up
<b>Hot key Fn+F6</b>	Touchpad on / off
<b>Hot key Fn+F7</b>	Camera on / off
<b>Hot key Fn+F8</b>	Brightness down
<b>Hot key Fn+F9</b>	Brightness up
<b>Hot key Fn+F10</b>	Display switch
<b>Hot key Fn+F11</b>	Silent mode
<b>Hot key Fn+F12</b>	Suspend

## STATUS INDICATORS

<b>Status indicators</b>	The notebook has 3 status LEDs Power status (& suspend) Blue (always on): on Blue blinking: stand by None: off Battery status Blue (always on): full Blue blinking: charging Red constant: < 20 % capacity Red blinking: < 10 % capacity WLAN / Bluetooth Blue: on None: off
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## POWER SUPPLY

<b>AC adapter</b>	20 V / 90 W (4.5 A)
<b>Rated voltage range</b>	100 - 240 V (AC Input)
<b>Rated frequency range</b>	50 - 60 Hz

<b>POWER SUPPLY</b>	
<b>Battery features</b>	ACPI 3.0 supported
<b>ENERGY CONSUMPTION</b>	
<b>S0 (idle mode)</b>	Up to 18 W
<b>S0 (max. active mode)</b>	Up to 90 W
<b>S3 (stand by / energy saving mode)</b>	Up to 1.3 W
<b>S4 (hibernate)</b>	Up to 0.8 W
<b>S5 (off mode)</b>	Up to 0.8 W
<b>ACPI functions</b>	ACPI 3.0 compliant for Vista requirement Power on stand by (S1 LCD off) Stand by / energy saving mode (S3 save to RAM) Hibernate mode (S4 save to disk) Off mode (S5 soft off)
<b>Energy consumption notes</b>	Energy consumption of AMILO Pi 3560 is EuP compliant.
<b>NOISE EMISSION</b>	
<b>Idle mode</b>	28 dB(A) (silent mode off)
<b>Maximum active mode</b>	35 dB(A) (silent mode off, no ODD activity)
<b>Noise emission</b>	Tested according to ISO 7779 and ISO 9296
<b>DIMENSIONS / WEIGHT / ENVIRONMENTAL</b>	
<b>Dimensions (W x D x H)</b>	380 x 245 x 24.8 - 37.4 mm
<b>Weight</b>	Approx. 2.75 kg (with 6-cell battery and HDD)
<b>Weight notes</b>	Actual weight may vary depending on configuration
<b>Operating ambient temperature</b>	5 - 35°C
<b>Operating relative humidity</b>	10 - 90 % (relative humidity, non-condensing)
<b>COMPLIANCE</b>	
<b>Europe</b>	CE Marking R&TTE (WLAN, Bluetooth®)
<b>Global</b>	RoHS (Restriction of hazardous substances) ISO9241-307 (Pixel fault class II)
<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>
<b>APPLICATION SOFTWARE</b>	
<b>Office software</b>	Microsoft® Office Ready (60-day trial version for Microsoft® Office Professional software package, only with Windows® 7 operating system) Adobe Acrobat Reader Windows Mail (only within Windows Vista® operating system) Windows Calendar (only within Windows Vista® operating system)
<b>Multimedia software</b>	Nero Essentials S (burning software) Vista DVD Playback Pack (DVD playback software, only within Windows Vista® operating system) Windows Media Player (playback of music CDs and Video DVDs) Windows Media Center edition - Share and stream media easily in your home network - Organize media (videos, music, pictures) - Watch and record TV shows (For certain aspects of Windows Media Center functionality, a TV tuner and additional hardware may be required. To watch Internet TV, Internet access is required. Free Internet TV content varies by geography. Some content may require additional fees.) CyberLink YouCam
<b>Internet software</b>	Microsoft® Internet Explorer Country specific Internet provider
<b>Security software</b>	Symantec Norton Internet Security (90-day trial version)
<b>Additional software (optional)</b>	CyberLink PowerDVD BD (playback software for Blu-ray Disc™, only with Blu-ray Disc™ drive)
<b>SECURITY</b>	
<b>Physical security</b>	Kensington Lock support Lid switch (hidden)
<b>User security</b>	User and supervisor password

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**WARRANTY**

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

**ACCESSORIES**

<b>Accessories included</b>	Manuals (manual on hard disk, quick start guide, safety guide, warranty guide, recovery guide) AC adapter 90 W First Battery 6 cells
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<b>Accessories link</b>	<a href="http://ts.fujitsu.com/accessories">http://ts.fujitsu.com/accessories</a>
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Information about environmental care, policies, programs and our Environmental Guideline FSC 03230:

<http://ts.fujitsu.com/aboutus>

Take back and Recycling information:

<http://ts.fujitsu.com/recycling>

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