

AMILO Notebook Pi 3540

The perfect all-round notebook

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Version 3

Pages 5

The AMILO Notebook P series combines versatile performance, great technology and a fascinating design.

Processor technology

- Latest Intel® Centrino® 2 processor technology (optional) and Intel® Core™ 2 Duo processor for high-definition digital entertainment experience, blistering performance, longer-lasting battery life and the new wireless standard for connectivity

Operating System

- Windows Vista® Home Premium

Reliability

- Spill-proof keyboard to protect your notebook from accidentally spilt liquids
 - Enough time to shut down the notebook
 - Have the liquid removed from the notebook
 - Protects your investment and your data
- Engineered in Germany means the test center in Germany tests conformity to international standards and customer-specific requirements
- A+ grade LCD panels for better picture quality

Mobility

- Standard 15.4-inch form-factor that fits in almost every bag
- Integrated draft-n Wireless LAN to go online when and wherever you want

Entertainment and multimedia

- The integrated AMILOcam with low-light technology for great video-quality even in low-light conditions and the built-in digital array microphone are perfect for Internet telephoning (VoIP) and video chats
- LCD WXGA display with BrilliantView technology for vivid colors, amazing sharpness and impressive contrast
- Enjoy your favorite Hollywood blockbuster on an external display via HDMI (with HDCP support)
- Great graphics performance with the NVIDIA® GeForce® 9300M GS graphic card with 256 MB dedicated video memory

More convenience thanks to

- The silent mode function that causes a noticeable reduction in fan noise
- The built-in DVD drive to store and secure data comfortably on the move

Model: Reveal white



Model: Eclipse black



Fujitsu Siemens Computers recommends Windows Vista® Home Premium

Operating system and Recovery

Operating system	Genuine Windows Vista® Home Premium (32-bit version)
Fujitsu Siemens Computers Recovery Program	Backup and restore the original status of the hard disk and create system restore disks
	or individual recovery media on CD or DVD are included

Product design

Color	Reveal white or eclipse black
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Architecture

System architecture	Intel® Centrino® 2 processor technology (optional)
Chipset	Intel® PM45 + ICH9M

Processors¹

Intel® Core™2 Duo processor	P7350 (2.0 GHz, 1066MHz FSB, 3 MB L2 cache) P8400 (2.26 GHz, 1066MHz FSB, 3 MB L2 cache) P8600 (2.4 GHz, 1066MHz FSB, 3 MB L2 cache) T5800 (2.0 GHz, 800 MHz FSB, 2 MB L2 cache) T6400 (2.0 GHz, 800 MHz FSB, 2 MB L2 cache)
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Memory

Memory speed	2 SO-DIMM memory slots (no memory on board)
Memory type	800 MHz
Memory modules	DDR 2 RAM
Max. memory size ^{1, 2}	1024 or 2048 MB
	4096 MB

Drives**Hard disk drive**

HDD type	SATA
HDD size	2.5-inch
HDD speed	5400 rpm
HDD cache	8 MB
HDD capacity ¹	160, 250 or 320 GB

Optical disc drive (built-in)

ODD type	SATA
ODD technology	SuperMulti-format DVD burner with double layer (DL) support
ODD read speed	CD-ROM 24x, DVD-ROM 8x
ODD write speed	CD-R 24x, CD-RW 16x, DVD+R 8x, DVD-R 8x, DVD+RW 8x, DVD-RW 6x, DVD+R DL (8.5 GB) 4x, DVD-R DL (8.5 GB) 4x, DVD-RAM 5x

Option¹:

ODD technology	Built-in Blu-ray Disc™ drive incl. SuperMulti-format DVD burner with double layer (DL) support
ODD read speed	BD 2x, CD-ROM 24x, DVD-ROM 8x
ODD write speed	CD-R 16x, CD-RW 10x, DVD+R 8x, DVD+RW 4x, DVD-R 8x, DVD-RW 4x, DVD+R DL (8.5 GB) 4x, DVD-R DL (8.5 GB) 4x, DVD RAM 5x

Display

Display type	BrilliantView LCD
Aspect ratio	16:10
Display size	15.4-inch
Display resolution (intern)	1280 x 800 pixels
Display resolution (extern)	1920 x 1080 pixels
Resolution type	WXGA
Reaction time	16 ms
Brightness (white luminance, typ.)	200 cd/m ²
Contrast (typ.)	400 : 1
Compliance with standards	ISO 13406-2 class II

Fujitsu Siemens Computers recommends Windows Vista® Home Premium

Graphics

Dedicated graphics (full name)	NVIDIA® GeForce® 9300M GS
Dedicated video memory	256 MB GDDR3
Shared video memory ³	Up to 1279 MB shared memory ³
3D Benchmark 2006	Up to 1900 points ⁴ (depending on configuration)
Graphic features	<ul style="list-style-type: none"> ■ NVIDIA® PureVideo® technology for <ul style="list-style-type: none"> - Ultra-smooth video playback - Superb picture clarity and - Precise, vivid colors on any display ■ DirectX® 10 support

Interfaces

Video	1x HDMI (1.3b, incl. HDCP), 1x VGA
Audio	1x line in, 1x microphone in, 1x line out / headphone out combined with S/PDIF out
Network	1x LAN (RJ-45)
Wireless	1x WLAN
Data	1x eSATA combined with USB, 2x USB 2.0 1x ExpressCard slot (54 / 34 mm) 1x 15-in-1 card reader ⁵ SD, miniSD, MicroSD, SDHC MS, MS-Duo MMC, RS-MMC, MMC-Micro MSPRO, MS-PRO Duo, MS-Pro HG, MS-Pro HG Duo M2 xD picture card
Power supply	1x DC-in

Communication

LAN (Local Area Network)	10 / 100 Mbps
Built-in WLAN (Wireless Local Area Network)	Yes
WLAN brand name	Intel® WiFi Link 5100 AGN
WLAN type	draft-n 802.11a/g/n
WLAN max. data rate	Up to 300 Mbps
WLAN encryption	WEP, WPA and WPA2
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

Option¹:

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Multimedia**Audio**

Audio chip	Support of high-definition audio for S/PDIF output with up to 7.1 channels
Speakers	Realtek ALC888
Microphone	2x built-in speakers (1.5 W each)
Subwoofer	Built-in digital array microphone
Input device	-
	Sound volume control via function key

AMILOcam

Image sensor	VGA webcam
Frames per second	30 ⁶
Features	<ul style="list-style-type: none"> ■ Auto focus ■ Automatic brightness adjustment with status LED (blue: on, red: streaming / application on) ■ Low-light technology for great video-quality even in dark surrounding

Fujitsu Siemens Computers recommends Windows Vista® Home Premium

Input devices / Control buttons

Power button	Located left of the keyboard, back-lighted
Keyboard	Spill-proof keyboard with 85 keys
Touchpad	Hidden touchpad, with left and right mouse button, touchpad disable function via function key combination (Fn+F6)
Multimedia keys	Located on top of the keyboard to launch the following applications: <ul style="list-style-type: none"> ■ Silent mode (reduce noise level / fan speed, by reducing the CPU performance, office applications, Internet and DVD playback are not affected) ■ DVD playback ■ Internet browser

Hot keys

The following hot keys or key combinations are available

- Fn+F1 WLAN on / off
- Fn+F3 Mute on / off
- Fn+F4 Volume down
- Fn+F5 Volume up
- Fn+F6 Touchpad on / off
- Fn+F7 AMILOcam on / off
- Fn+F8 Brightness down
- Fn+F9 Brightness up
- Fn+F10 Display switch
- Fn+F11 Silent mode
- Fn+F12 Suspend

Status indicators

The notebook has 3 status icons:

- Power status (& suspend)
Blue (always on): on; Blue blinking: stand by; None: off
- WLAN
Blue: on; None: off
- Battery charge
Blue (always on): full; Blue blinking: charging;
Red blinking: < 10 % capacity

Security

Supervisor and user password	Yes
Kensington lock	Yes
Lid switch (hidden)	Yes

ACPI functions

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)

Power System**Battery⁷**

Battery type ¹	Lithium-Ion battery 6 cells, 11.1 V / 2200 mAh (cell) / 4400 mAh (pack)
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Battery runtime ⁸	Up to 2:20 hours
Battery runtime (DVD playback) ⁹	Up to 1:20 hours
Battery charging time (idle mode) ¹⁰	Up to 1:35 hours
Battery charging time (maximum active mode) ¹¹	No charging
Battery charging time (normal use) ¹²	Up to 1:35 hours
Battery charging time (off mode)	Up to 2 hours

Fujitsu Siemens Computers recommends Windows Vista® Home Premium**AC Adapter**Wide Range AC adapter
OutputDynamic charge supported, ACPI 3.0 supported
110 - 240 V AC, 50 - 60 Hz
90 W with 20 V DC, 4.5 A**Energy consumption**S0 (idle mode)
S0 (max. active mode)¹³
S3 (stand by / energy saving mode)
S4 (hibernate)
S5 (off mode)24 W
60 W
1.5 W
0.8 W
0.8 W**Noise emission**Idle mode¹⁴
Maximum active mode¹⁵23 dBA (silent mode off)
30 dBA (silent mode off)**Operating conditions**

Operational

5 °C to 35 °C (ambient temperature)
10 % to 90 % relative humidity, non-condensing

Dimensions and weightW x D x H
Weight358 x 256 x 37.0 (front) / 41.0 (back) mm
3.2 kg¹⁶

CertificationsGOST (WLAN)
CE Marking
R&TTE (WLAN)

Warranty

Country specific terms

Application Software

Home office

Microsoft® Works
Microsoft® Office Home and Student Trial
Adobe Reader
Windows Mail (within Vista operating system)
Windows Calendar (within Vista operating system)

Multimedia

Nero Essentials S (CD / DVD write software)
Vista DVD Playback Pack (DVD playback software)
Windows Media Player (within Vista operating system)
Windows Media Center (within Windows Vista® Home Premium operating system)Optional¹:
CyberLink Power DVD (playback software for Blu-ray Disc™, only with Blu-ray Disc™ drive)

Internet

Microsoft® Internet Explorer
Country specific Internet provider

Security

Norman security software solution

Fujitsu Siemens Computers recommends Windows Vista® Home Premium**Accessories**

Included	AC adapter 90 W First Battery 6 cells
Optional	Find out more: www.fujitsu-siemens.com
Manuals	Manual (on hard disk), quick start guide, safety guide, warranty guide, recovery guide
Drivers	Updates downloadable at http://www.fujitsu-siemens.com

¹ Depending on exact configuration. Please check at your local retailer

² DISCLAIMER: Up to 1 GB may not be available with 32-bit operating systems due to system resource requirements if system is preinstalled with 4096 MB RAM

³ 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

- 1024 MB system memory enables up to 511 MB total video memory (dedicated plus shared memory)
- 2048 MB system memory enables up to 1023 MB total video memory (dedicated plus shared memory)
- 3072 MB system memory enables up to 1535 MB total video memory (dedicated plus shared memory)
- 4096 MB system memory enables up to 1535 MB total video memory (dedicated plus shared memory)

⁴ Depending on display resolution

⁵ An adapter is needed for the following card formats: RS-MMC, MMC-Micro, miniSD, MicroSD, SDHC, MS-Duo, MS-PRO Duo, MS-Pro HG, MS-Pro HG Duo, M2

⁶ AMILOcam frame rate can vary significantly depending on the used software application

⁷ DISCLAIMER: Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. 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

⁸ Tested with Battery Mark 4.0.1

⁹ DVD playback tested with Vista DVD playback

¹⁰ Tested with Battermon

¹¹ Tested with 3DMark 2003

¹² DVD playback tested with Vista DVD playback

¹³ Tested with 3DMark 2006

¹⁴ Tested with idle mode (according to ISO 7779:2001 Nr. C.15.3.1) noise emission values according to ISO 9296 at operator position

¹⁵ Tested with HDD stress test and CPU stress test at approx. 90 % CPU load, no ODD load, noise emission values according to ISO 9296 at operator position

¹⁶ Weight may vary depending on actual configuration

The configuration described in this document is generic only and non-binding. For the exact configuration of your AMILO, please contact your licensed dealer.