

AMILO Notebook Si 2654

Slim sensation – simply spectacular

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Version 3

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The AMILO Si 2654 is an eye-catcher. Whether you are taking a break at the coffee shop around the corner or you are on the way to visit your friends, the AMILO Si 2654 has the head-turning looks to get you noticed.

Slim, stylish, sophisticated.

Key Features

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

Mobility

- 13.3-inch form-factor that fits in almost every bag
- Integrated high-speed draft-n Wireless LAN to go online when and wherever you want
- Mobile Intel® Graphics Media Accelerator 4500MHD for an extended battery runtime

Reliability

- 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

Entertainment and Multimedia

- The integrated high-resolution 1.3 mega pixels webcam for great video-quality and the built-in array microphone are perfect for Internet telephony (VoIP) and video chats
- LCD WXGA display with BrilliantView technology for vivid colors, amazing sharpness and impressive contrast

More convenience thanks to

- The slim slot built-in DVD drive to store and secure data comfortably on the move
- The sleeve that protects your notebook against bumps and scratches



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	Glossy black and metallic red
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Architecture

System architecture	Intel® Centrino® 2 processor technology (optional, depending on WLAN solution)
Chipset	Intel® GM45 + ICH9M

Processors¹

Intel® Core™2 Duo processor	P8600 (2.40 GHz, 1066 MHz, 3 MB L2 cache) P8400 (2.26 GHz, 1066 MHz, 3 MB L2 cache) P7450 (2.13 GHz, 1066 MHz, 3 MB L2 cache) P7350 (2.00 GHz, 1066 MHz, 3 MB L2 cache) T6400 (2.20 GHz, 800 MHz, 2 MB L2 cache) T5800 (2.00 GHz, 800 MHz, 2 MB L2 cache)
Intel® Pentium® Dual-Core processor	T3400 (2.16 GHz, 667 MHz, 1 MB L2 cache) T3200 (2.00 GHz, 667 MHz, 1 MB L2 cache)

Memory

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

ODD type	SATA, slot-in
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 24x, 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

Display

Display type	BrilliantView LCD
Aspect ratio	16:10
Display size	13.3-inch
Display resolution (intern)	1280 x 800 pixels
Display resolution (extern)	1920 x 1200 pixels
Resolution type	WXGA
Reaction time	35 ms
Brightness (typ.)	200 NIT
Contrast (typ.)	350 : 1
Compliance with standards	ISO 13406-2 class II

Graphics

Dedicated graphics (full name)	-
Dedicated video memory	-
Onboard graphics chip	Mobile Intel® Graphics Media Accelerator 4500MHD
Shared video memory ³	Up to 1292 MB shared memory
3D Benchmark 2006	Up to 800 points (depending on configuration)
Graphic features	■ DirectX® 10 support

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Interfaces

Video	1x VGA
Audio	1x line in / microphone in, 1x line out / headphone out combined with S/PDIF out
Network	1x LAN (RJ-45)
Data	3x USB 2.0, 1x IEEE1394 1x ExpressCard slot (54 / 34 mm) 1x 15-in-1 card reader ⁴ 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

Integrated Bluetooth®	2.1
LAN (Local Area Network)	Gigabit Ethernet LAN (10 / 100 / 1000 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 range	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
Option ¹	
WLAN brand name	-
WLAN type	draft-n 802.11b/g/n
WLAN max. data range	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

Multimedia

Audio	Support of high-definition audio for S/PDIF output with up to 7.1 channels
Audio chip	Realtek ALC269
Speakers	2x built-in speakers (1.5 W each)
Microphone	Built-in array microphone
Subwoofer	-
Input device	Sound volume control via function key

AMILOcam

Image sensor	1.3 mega pixels webcam
Frames per second	30 ⁵

Input devices / Control buttons

Power button	Located on top of the keyboard, back-lighted
Keyboard	Keyboard with 87 keys
Touchpad	Touchpad with left and right mouse button, touchpad disable function via function key combination (Fn+F6)
Multimedia keys	4 multimedia keys located on the front side enabling the user to launch the following applications: <ul style="list-style-type: none"> ■ Volume down ■ Volume up ■ Mute ■ Play / Pause

Fujitsu Siemens Computers recommends Windows Vista® Home Premium

Hot keys	<p>The following hot keys or key combinations are available</p> <ul style="list-style-type: none"> ■ Fn+F1 WLAN / Bluetooth on / off ■ Fn+F3 Mute on / off ■ Fn+F4 Volume down ■ Fn+F5 Volume up ■ Fn+F6 Touchpad on / off ■ Fn+F8 Brightness down ■ Fn+F9 Brightness up ■ Fn+F10 Display switch ■ Fn+F12 S3 Sleep mode
Status indicators	<p>The notebook has 7 status LEDs:</p> <ul style="list-style-type: none"> ■ Power status (& suspend) Blue (always on): on; Blue blinking: stand by; None: off ■ HDD / ODD status Blue: HDD / ODD working; None: HDD / ODD not working ■ Battery charge LED off: Battery fully charged; Blue (always on): charging; Red: < 9 % capacity; Red blinking: < 5 % capacity ■ Touchpad status Blue: Touchpad disabled; None: Touchpad enabled ■ WLAN / Bluetooth Blue: on; None: off ■ Caps Lock ■ Num Lock
Security	
Supervisor and user password	Yes
Kensington lock	Yes
Lid switch (hidden)	Yes
ACPI functions	<p>ACPI 3.0 compliant for Vista requirement</p> <ul style="list-style-type: none"> ■ 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	
Battery⁶	
Battery type ¹	Lithium-Ion battery 6 cells, 11.1 V / 2600 mAh (cell) / 5200 mAh (pack)
Battery runtime (idle mode) ⁷	Up to 5 hours
Battery runtime (DVD playback) ⁸	Up to 3.2 hours (depending on usage)
Battery charging time (idle mode) ⁹	Up to 1.9 hours
Battery charging time (normal use) ¹⁰	Up to 1.9 hours
Battery charging time (off mode)	Up to 1.9 hours
AC Adapter	Dynamic charge supported, ACPI 3.0 supported
Wide Range AC adapter	110 - 240 V AC, 50 - 60 Hz
Output	65 W with 20 V DC, 3.25 A
Energy consumption	
S0 (idle mode)	13.7 W
S0 (max. active mode) ¹¹	45 W
S3 (stand by / energy saving mode)	1.2 W
S4 (hibernate)	0.47 W
S5 (off mode)	0.47 W
Noise emission	
Idle mode ¹²	27.8 dBA
Maximum active mode ¹³	40.2 dBA (ODD load)
Operating conditions	
Operational	5 °C to 35 °C (ambient temperature) 10 % to 90 % relative humidity, non-condensing

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Dimensions and weight

W x D x H 328 x 247 x 36.6 (front) / 37.4 (back) mm
 Weight 2.25 kg¹⁴

Certifications

GOST (WLAN)
 CE Marking
 R&TTE (WLAN, Bluetooth®)

Warranty

Country specific terms

Application Software

Home office

Microsoft® Works
 Adobe Reader
 Windows Mail (within Vista operating system)
 Windows Calendar (within Vista operating system)

Multimedia

Nero 8 Essentials (CD / DVD write software)
 Vista DVD Playback Pack (DVD playback software)
 Windows Media Center (within Windows Vista® Home Premium) operating system
 Windows Media Player (within Vista operating system)

Internet

Microsoft® Internet Explorer
 Country specific Internet provider

Security

Norman security software solution

Accessories

Included

AC adapter 65 W
 First Battery 6 cells
 Notebook protection sleeve
 Cleaning wipe

Optional

Find out more: www.fujitsu-siemens.com/accessories

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. Used video memory size depends on Microsoft® Windows Vista® memory management:

- 1024 MB system memory enables up to 268 MB static and shared memory
- 2048 MB system memory enables up to 779 MB static and shared memory
- 3072 MB system memory enables up to 1292 MB static and shared memory
- 4096 MB system memory enables up to 1292 MB static and shared memory

⁴ 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

⁵ The frame rate of the webcam can vary significantly depending on the used software application

⁶ 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

⁷ Tested with Battery Mark 4.0.1 ("power saver mode")

⁸ DVD playback tested with Vista DVD playback

⁹ Tested with BatteryMark 4.0.1 (0% to 90%)

¹⁰ DVD playback tested with Vista DVD playback (0% to 90%)

¹¹ Tested with 3DMark 2006

¹² Tested with Windows Vista® according to ISO 7779 and ISO 9296

¹³ Tested with full speed cooling according to ISO 7779 and ISO 9296

¹⁴ 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.