

AMILO Xi 1554

X-treme multimedia X-perience

Issue December 2006

Pages 3

The whole greatness in performance, multimedia and connectivity is packed in AMILO Xi 1554. With its 17-inch WUXGA LCD CrystalView display this notebook assures the best impression for all multimedia applications, like watching films, pictures of your last holidays, playing games and even more in High Definition quality. Combined with the brand new ATI Mobility™ Radeon® X1900 graphic card with 256 MB GDDR3 video RAM, this notebook gives you the best available graphic performance for video streaming or gaming and provides vivid and luscious colors.

Thanks to Intel® Centrino® Duo mobile technology with Intel® Core™ 2 Duo processors your working experience is extremely comfortable and much faster than previously.

With its numerous digital interfaces you are able to connect your AMILO Xi 1554 to all your peripherals and multimedia devices, like your TV, your camera, external storage devices and much more. The integrated Wireless LAN and the built-in Bluetooth® offers the possibility to write e-mails and synchronise data without any cables.

You get even more: Multimedia interface (Microsoft® Windows® Media Center Edition) and a remote control guarantee as much comfort as possible for your multimedia experience.

All in all it the AMILO Xi 1554 is an impressive power house that gives you maximum performance for a mobile desktop replacement to enjoy all your media in excellent quality.

Features

- Intel® Centrino® Duo mobile technology with Intel® Core™ 2 Duo processor up to T7200
- Intel® PRO/Wireless 3945 ABG (802.11a/b/g-Standard)
- Bluetooth 2.0 connection
- Up to 2GB DDR2 in 2 SO-DIMM slot
- Silent Mode functionality
- 17" LCD WUXGA display with CrystalView Technology
- RAID technology (if two HDD's are available)
 - for fastest data access and high storage capacity (RAID 0)
 - respective a superior security architecture (RAID 1)
- ATI Mobility™ Radeon® X1900 with 256MB GDDR3 (MXM-III)
- Support of HD ready screens by High Definition Content Protection (HDCP)
- Windows Vista™ Home Premium or Windows® Media Center Edition with remote control and external Microsoft® compliant IR-receiver



Operating system

Microsoft® Windows® Media Center Edition
 Windows Vista™ capable¹
 Windows Vista™ Premium ready¹
 or
 Windows Vista™ Home Premium²

**Fujitsu Siemens Computers recommends
 Windows Vista™ Home Premium**
Optional Application Software

Microsoft® Entertainment Pack³
 Microsoft® Works + Office Trial STE Edition³
 Adobe Photoshop Elements 3.0³
 Magix Media Suite³
 Power DVD³ or Vista DVD Playback Pack
 Nero burning ROM³ or Nero 7 Essential
 Adobe Reader
 Norton Internet Security Suite or Norman Anti-Virus
 Country specific Internet Service Providers

Manual, Safety Guide and Warranty Guide

Drivers and Utility

Drivers and Utility DVD included.
 Updates downloadable at
<http://www.fujitsu-siemens.com>

System, processor, architecture

Chipset: Intel 945PM+ICH7-M
 CPU: Intel® Core™ **2 Duo** processor
 T5500 (1.66GHz, 667MHz, 2MB L2 cache)
 T5600 (1.83GHz, 667MHz, 2MB L2 cache)
 T7200 (2.0GHz, 667MHz, 4MB L2 cache)

Memory

2 SO-DIMM memory slots (no memory on board)
 512MB DDR2 533MHz
 1GB DDR2 533MHz

Storage devices/drives**HDD:**

SATA HDD (5400rpm) with 8MB cache:
 80, 100, 120, 160GB SATA hard disk

RAID options (if two HDD's are available):

RAID 0 (Stripe set for performance)
 RAID 1 (mirroring for security)
 RAID off (2 physical HDD's)

ODD:

8x Multi-format DVD burner with Double Layer
 Read speed: CD-ROM 24x, DVD-ROM 8x
 Write speed: CD-R 24x, CD-RW16x, DVD+R8x,
 DVD-R 8x, DVD+RW 6x, DVD-RW 6x,
 DVD+R DL (Double Layer 8.5GB) 2,4x,
 DVD -R DL (Double Layer 8.5GB) 4x

Display

ISO 13406-2 class II
 17" LCD WUXGA CrystalView
 Resolution (physic.): 1920 x 1200

ACPI functions

S1 LCD off
 S3 save to RAM
 S4 save to disk
 S5 soft off
 Silent Mode

Graphics

ATI Mobility™ Radeon® X1900 with 256MB GDDR3
 dedicated Video RAM and MXM-III technology

- High performance ultra-threaded 3D graphics engine
- Advanced Shader Model 3.0 Support
 (for realistic mobile gaming)
- Avivo™ Display Technology
 (for superior quality pictures and videos)
- HDCP Support prepares for HD Ready screens
- HD Video Playback up to 1080p
- PowerPlay 6.0 for extended battery life

I/O Interfaces

1x IEEE1394, 4x USB 2.0 ports, 1x S-Video out
 1x DVI-I, 1x Modem, 1x LAN, 1x WLAN, 1x BT
 1x ExpressCard slot (34/54mm)
 1x headphone-out combined with SPDIF
 1x microphone-in
 1x line-in
 1x power supply
 1x 4-in-1 card reader SD/ MMC/MS/MS pro

Communications

Built-in 56K, V.92 fax modem
 10/100/1000Mbps LAN
 Integrated Bluetooth® 2.0
 Integrated Wireless LAN (WLAN) solution 802.11a/b/g:

- Intel® PRO/Wireless 3945ABG
- speeds up to 54Mbps
- industry standard wireless LAN security support
- Intel® Intelligent Scanning Technology for optimal power management

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, NL

Audio

Azalia codec (7.1 via SPDIF),
 2 built-in speakers + 1 Subwoofer, built-in microphone,
 microphone-in, stereo line-in, headphone-out shared with
 SPDIF support
 1x volume regulator (per function key and volume wheel)

Launch Keys

4 Launch Keys located on top of the keyboard enabling the
 user to launch the following applications:

- E-mail
- Internet browser
- PowerDVD
- Silent Mode (reduce noise level / fan speed, by reducing
 the CPU performance)
 (Office applications, Internet and DVD playback are not
 affected)

Hot Keys

The following hot keys or key combinations are available:

Fn-F1	Suspend
Fn-F3	Mute
Fn-F4	Display toggle, switches display output between display screen and external monitor
Fn-F5	Increase speaker volume
Fn-F6	Decrease speaker volume
Fn-F7	Increase display brightness
Fn-F8	Decrease display brightness

Pointing device & control buttons

Touchpad with left and right mouse button + scroll function
Touchpad disable button
Power button / lid switch

Status indicator

The notebook has 9 status icons:

Caps lock
Num lock
Scroll lock
Media activity (ODD/HDD)
Power status
Battery status (charging / full / low)
Suspend
Silent Mode
RF on/off

Security

Supervisor password
Kensington Lock

Power system

Li-Ion battery: 8 cells, 14.8V / 4400mAh
approximately 2h battery runtime, depending on usage⁴
Dynamic charge supported
ACPI 2.0 supported
External universal AC adapter: 100 - 240V AC, 50 - 60Hz
Output: 120W with 20V DC, 6.0A

Dimensions and weight

Dimensions (W x D x H): 408 x 289 x ~25 – 41.6mm
Weight: 4.0kg⁵

Operating conditions

Operational: 5°C to 35°C (ambient temperature)
10% to 90% relative humidity, non-condensing
AC input: 100 - 240V, 50 - 60Hz

Noise level (ISO9296 – Blauer Engel):

Idle mode: <= 4,8db
Full operation mode: <= 38db

Certifications

CE Marking
R&TTE (WLAN, Bluetooth)
GOST

Accessories (included)

DVI-I to CRT adapter
Protection bag for Notebook (incl. space for AC adapter)
Remote control for Media Center Edition with ext. USB receiver

Accessories (optional)

AC adapter 120W
Main Battery 8-cell
Hybrid TV tuner (PCIe 54 format)
Car adapter (S26391-F2613-L600)

Warranty

Country specific terms

- 1) Not all Windows Vista™ features are available for use on all Windows Vista Capable PCs. All Windows Vista Capable PCs will run the core experiences of Windows Vista, such as innovations in organizing and finding information, security, and reliability. Some features available in premium editions of Windows Vista - like the new Windows® Aero™ user interface - require advanced or additional hardware. Check www.windowsvista.com/getready for details.
- 2) Windows Vista™ Home Premium is available from January 30th, 2007 (depending on language).
- 3) Is only included for Windows® XP Media Center Edition.
- 4) 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.
- 5) Weight may vary depending on actual configuration.