Data Sheet

We make sure

FUJITSU COMPUTERS
SIEMENS

AMILO Xi 1554
X-treme multimedia x-perience

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The whole greatness in performance, multimedia and connectivity is packed in AMILO Xi 1554.

With its 17-inch WUXGA LCD BrilliantView 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 processor 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 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 processor 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 BrilliantView 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 and Application software

Operating system
Windows Vista® Home Premium

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

Optional Application Software
Microsoft® Works
Vista DVD Playback Pack
Nero 7 Essentials
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 BrilliantView
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
Support of HD audio for SP/DIF output with up to 7.1
channels, 2 built-in speakers + 1 Subwoofer,
built-in microphone, microphone-in, stereo line-in,
headphone-out shared with SP/DIF 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 usage[1]
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: 4.0kg[2]

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 (usage only for loading with running engine)

Warranty
Country specific terms

1) 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 moths so that the battery lifetime as well as operating time can not be assured for the whole lifetime of the notebook.
2) Weight may vary depending on actual configuration.