

AMILO Xi 2428

X-treme multimedia x-perience

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Do you need a computer that offers you the comfort of a desktop PC but also gives you the opportunity to go wherever you want? Then have a closer look on the AMILO Xi 2428, the mobile alternative for your multimedia needs.

Get in touch with your friends spread around the globe via video telephoning due to the integrated webcam and the integrated microphone. You just need to plug in your AMILO Xi 2428 wired or wireless to a good Internet connection. Watch your favorite DVD on the big screen in your living room or enjoy the new album of your favorite artist that you bought yesterday, while waiting for your best friend to go out.

You want to join a LAN party with your gaming community? The AMILO Xi 2428 is easily packed in most notebook bags due to its standard form factor of 15.4-inch. Go to the LAN party, connect it to the network, step into the game and reach the high-score.

The AMILO Xi 2428 is fully prepared for any kind of entertainment and multimedia. You will never miss your bulky PC again.

Features

- Latest Intel® Centrino® Duo processor technology with Intel® Core™ 2 Duo processor up to T7700
- NVIDIA® GeForce® 8600M GS with 256MB dedicated video RAM supporting HDMI and VGA interface
- Enjoy your favorite Hollywood blockbuster on an external display via HDMI (HDCP support)
- Enjoy the comfort of the multimedia LightTouch™ bar and the integrated remote control
- 15.4-inch widescreen LCD display with BrilliantView technology for vivid colors, amazing sharpness and impressive contrast
- Integrated webcam (1.3 mega pixels) and built-in array microphone are perfect for Internet telephoning (VoIP) and video chats
- Enjoy your music collection in high quality with the integrated speaker
- Charge your external devices via an USB port with charge functionality, also if the notebook is switched off
- Up to 2GB memory for quick response times and optional with Intel® Turbo memory that makes your notebook even quicker
- Ultimate storage capacity of up to 250 GB for all your pictures, music and videos
- Best working conditions due to silent mode functionality and remote control with integrated infrared port (CIR)
- Bluetooth® 2.0 for cordless connectivity to your mobile phone, headset, etc.
- 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 CD/DVD write software
 Adobe Reader
 CyberLink Power DV (webcam software)
 Norton Internet Security 2007
 Country specific Internet Service Providers
 Fujitsu Siemens hard disk based recovery

Manual (on hard disk), safety guide and warranty guide

Drivers and Utility

Drivers and utility DVD included (optional)
 Hard disk based recovery
 Updates downloadable at
<http://www.fujitsu-siemens.com>

System, processor, architecture

Chipset: Intel 965PM+ICH8-M
 CPU: Intel® Core™ 2 Duo processor
 T7100 (1.8GHz, 800MHz FSB, 2MB L2 cache)
 T7300 (2.0GHz, 800MHz FSB, 4MB L2 cache)
 T7500 (2.2GHz, 800MHz FSB, 4MB L2 cache)
 T7700 (2.4GHz, 800MHz FSB, 4MB L2 cache)

Memory

2 SO-DIMM memory slots (no memory on board)
 512MB DDR2 667MHz
 1GB DDR2 667MHz
 Optional with 1GB Intel® Turbo Memory

Storage devices/drives**HDD:**

SATA HDD with 8MB Cache:
 120, 160, 200 or 250GB SATA hard disk

ODD:

8x Multi-format DVD writer 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

15.4" LCD WXGA display with BrilliantView technology
 Resolution (physic.): 1280 x 800
 ISO 13406-2 class II

ACPI functions

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

Graphics

NVIDIA® GeForce® 8600M GS
 with 256MB DDR2 dedicated video RAM and up to 767MB
 TurboCache¹ (HDMI and VGA interface)
 (Benchmark: 3D Mark 2006: up to 2200 points)

MXM-II technology:

High performance ultra-threaded 3D graphics engine;
 Advanced Shader Model 3.0 support, for realistic mobile
 gaming;
 Pure Video™ Video Engine, for superior quality pictures
 and videos;
 NVIDIA® PowerMizer® 6.0 for extended battery life

I/O Interfaces

1x HDMI (with HDCP), 1x VGA,
 1x S-Video out, 1x IEEE1394, 1x CIR
 1x eSATA
 3x USB 2.0 ports (1x USB with charge functionality),
 1x Modem, 1x LAN, 1x WLAN, 1x BT
 1x ExpressCard slot (34/54mm)
 1x headphone-out combined with SP/DIF
 1x microphone-in
 1x line-in
 1x power supply
 1x 5-in-1 card reader SD/MS/MMC/MS pro/xD-picture card

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/n:
 - Intel® PRO/Wireless 4965 AGN
 - speeds up to 270Mbps (5x faster than a/g)
 - 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 (up to 24bit /192kHz),
 2 built-in high-quality stereo speakers (2x 2W);
 built-in array microphone, microphone-in, stereo line-in,
 headphone-out shared with SP/DIF support;
 1x volume regulator
 (integrated in multimedia LightTouch™ bar)

Webcam

1.3 Mpixel, auto focus, automatic brightness adjustment
 with status LED (on/off/busy)

Launch Keys

Multimedia LightTouch™ bar with 8 Launch Keys located on top of the keyboard enabling the user to launch the following applications:

- Multimedia buttons (rewind, play, forward, stop, mute, Volume up/down)
- Windows Vista™ media player
- 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-F3 Mute
- Fn-F4 Decrease speaker volume
- Fn-F5 Increase speaker volume
- Fn-F6 Touchpad on/off
- Fn-F7 Webcam on / off
- Fn-F8 Decrease display brightness
- Fn-F9 Increase display brightness
- Fn-F10 Switch display internal
- Fn-F12 Sleep

Pointing device & control buttons

- Touchpad with left and right mouse button
- Touchpad disable functionality (Fn-F6)
- 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
- Touchpad disable
- RF on/off

Security

- Supervisor password
- Kensington Lock

Power system

- Li-Ion battery: 6 cells, 14.8 V / 2200 mAh
approximately 2h battery runtime, depending on usage²
- Dynamic charge supported
- ACPI 2.0 supported
- External universal AC adapter: 100 - 240 V AC, 50 - 60Hz
- Output: 90W with 20V DC, 4.5A

Dimensions and weight

- Dimensions (H x W x D): ~24 - 37.2 x 360 x 272mm
- Weight: 3.0kg³

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)

- Protection bag for notebook (incl. space for AC adapter)
- 26 key Vista remote control (size of ExpressCard, shipped in slot)
- AC adapter 90W
- Main battery (6-cell)

Accessories (optional)

- AC adapter 90W
- Main battery 6-cell
- Car adapter (usage only for loading with running engine)

Warranty

- Country specific terms

- 1) The total of local and shared system memory used by the GPU.
Local graphic on-board memory is 256MB VRAM
TurboCache:
- 1024MB system memory enables up to 512MB static and shared memory
- 2048MB system memory enables up to 1024MB static and shared memory.
- 2) 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.
- 3) Weight may vary depending on actual configuration