

AMILO A1650 **Widescreen notebook with** **Mobile AMD Athlon™64 Processors**

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Pages 3

The AMILO A1650 notebook offers all-round mobile computing with an excellent price/performance ratio. Strong graphics and a Widescreen display, together with an AMD Mobile Athlon™64 Processor all combine into an amazing visual experience. Thanks to the preinstalled software you can immediately start off working, playing, surfing the Internet or simply watching a video. Connect all sorts of devices to the notebooks using one of the 3 USB 2.0 ports, IEEE 1394 Firewire, the 3-in-1 cardreader or the S-Video out. Through its WLAN capability, the A1650 can connect to your network from anywhere in reach of the Access point having to deal with any cables. With the use of a special "Silent Mode", you can reduce the fan noise to a minimum.

Features:

- Supporting Mobile AMD Athlon™64 and Mobile AMD Sempron™
- 15.4" WXGA Widescreen display
- Connect your notebook to external storage devices and video equipment through the IEEE 1394 port offering transfer rates of up to 400Mbits/sec
- ATI Mobility Radeon Xpress 200 with up to 128 MB shared memory supporting Pixel Shader V2.0
- Support for "Silent Mode", drastically reducing the fan noise
- Memory card slot for Multimedia Card, Secure Digital Card and MemoryStick
- Up to 1GB DDR SDRAM in 2 SO-DIMM slots
- Microsoft Windows XP Home



Operating system

Windows XP Home, Recovery CD is included

Fujitsu Siemens Computers recommends Microsoft® Windows® XP.**Application Software (optional)**

a) Microsoft Works Suite 2005 *including Word 2002, Works 8.0, Microsoft Encarta® Encyclopaedia 2005, Microsoft Picture It!® 10.0, Microsoft AutoRoute 2005*, Microsoft Money 2005**

b) Microsoft Entertainment Pack *including Microsoft Works 8.0, Microsoft Encarta® Encyclopaedia Standard 2005, Microsoft Picture IT 10.0, Microsoft Autoroute 2005*, Microsoft Zoo Tycoon 1.0, Microsoft Office Trial Student & Teacher Edition*

*availability depending on language

c) Word 2002A / Works 8.0

d) Works 8.0 + Office Trial Student & Teacher Edition (optional)

Adobe Photoshop Elements 3.0 (optional)

Magix Media Suite (optional)

Pinnacle Studio 9 SE (optional)

DVD Playing & Burning Software

InterVideo WinDVD

Nero burning ROM 6

Driver & Utility CD including:

Adobe Acrobat Reader

Norton Internet Security Suite or Norman Anti-Virus

Internet Service Providers – country specific

Manual, Safety Guide and Warranty Guide

System, processors, architecture

Mobile AMD Athlon™64 3200+ and

Mobile AMD Sempron™ 3100+

up to 1MB 2nd level cache / 64 Bit

Athlon64 3700+

Athlon64 3400+ (Projects only)

Chipset: ATI RS480 + ATI SB400

Memory

256 – 1024MB DDR SDRAM,

PC/2700 DDR333 SO-DIMM

256 / 512 MB memory modules possible

Storage devices / drives

40 / 60 / 80 GB IDE hard disk drive with support for PATA

- DVD Dual Double Layer

CD 24x / CD-R 24x / CD-RW 20x, 10x / DVD 8x / DVD+R

8x / DVD-R 8x / DVD+RW 5x, 4x / DVD-RW 5x, 4x

DVD+R DL 5x, 2.4x

Graphics

- ATI MOBILITY Radeon Xpress 200

Up to 128MB RAM shared memory

Full DirectX 9.0 Support: Vertex Shader v2.0 and Pixel Shader v2.0 to create most realistic 3D effects

DVD quality playback

Game acceleration including support for Microsoft's DirectDraw, Double Buffering, Virtual Sprites, Transparent Blit, and Masked Blit.

Support for AMD Cool'n'Quiet™ technology for longer battery life

Dual view possible under Win XP Home

Max. recommended external resolution (CRT only)

1600 x 1200 / 16M / 85Hz

Display

15.4" TFT WXGA, 1280 x 800 pixel

Compliance with standards

ISO 13406-2 class II

I/O Interfaces

1 x IEEE 1394, 4 USB 2.0 ports, 1 x S-Video

1 x memory card slot for MMC/SD/MS

1 x type I/II PC Card slot (32 bit CardBus support)

1 x modem, 1 x LAN, 1 x CRT

1 x microphone in, 1 x line-in, 1 x headphone out (incl. S/PDIF support)

1 x power supply

Communications

Built-in 56K, V.92 international modem and

10/100 Mbps LAN

Wireless LAN module 802.11b/g¹

Audio

2 built-in speakers (1Watt), microphone in, headphone out

Volume regulator wheel

ALC655, compliant with AC'97 V2.3

16-bit stereo full-duplex CODEC

4 analogue line-level stereo inputs with 5-bit volume control, line-in, CD, video, aux

Easy Launch Keys

Located above the keyboard are 3 Launch Keys used to launch the following applications:

Internet, WLAN, Fan control/Silent Mode

Hot keys

Fn-F1 help hotkey

Fn-F2 puts the computer in sleep mode

Fn-F3 display toggle, switches display output between display screen and external monitor or to dual view

Fn-F4 screen blank, turns the display screen backlight off to save power

Fn-F5 speaker on/off

Fn-F6 volume down

Fn-F7 volume up

Fn-F8 screen brightness down

Fn-F9 screen brightness up

Fn-F10 WLAN on/off

Fn-PgUp home

Fn-PgDn end

Pointing device & control buttons

Touchpad with two mouse buttons

Power button

Status indicators

The notebook has 7 status icons located at the front:

Wireless activity, Power, Standby, Charge, Drive activity, NUM Lock, CAPS Lock

Security

Supervisor password

Kensington Lock support

Power system

Li-Ion battery, 6 cells, 3.6V / 2200mAH
App. 2.5 hrs battery runtime, depending on usage²
Intelligent power management for prolonged battery life
Dynamic charge supported, ACPI 2.0 supported
External universal AC adapter: 110 – 264 V AC, 47-63HZ,
output: 65W / 90W with 20V DC

ACPI functions

S1 standby (LCD off)
S3 save to RAM
S4 save to disk
S5 soft off

Dimensions and weight

359mm x 273mm x 39 mm
3.2 kg³ (with 15.4" WXGA, Li-Ion battery, HDD, DVD drive)

Certifications

CE Marking
Energy Star

Operating conditions
Operational: 5°C to 35°C (ambient temperature)
20% to 85% relative humidity, non-condensing
AC input 110-264 V, 47-63 Hz

Warranty

Country-specific terms

Options

AC-Adapter
USB Floppy Drive
Carrying cases

- 1) For some countries special regulations apply regarding WLAN importation. Special certification is needed.
- 2) Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage.
- 3) Weight may vary depending on actual configuration.