

## AMILO Si 1848 / 1848+u

### Slim Sensation – Simply Spectacular

Issue December 2006

Pages 3

As our latest creation of the AMILO S-series the AMILO Si 1848 is full-packed with most modern technology. Its truly mobile components ensure you the independence of the modern citizen.

With its silver shining, elegant slim design and the 15.4-inch CrystalView display it is an amazing notebook which guarantees you sharp and detailed pictures as well as to be en vogue. Thanks to Intel's Centrino® technology and its power saving components this notebook delivers extended battery lifetime giving you the freedom to work on the move and making this work extremely comfortable. The integrated Wireless LAN enables you to go online wherever you want. A built-in S-Video out port, IEEE 1394, SPDIF and 4 USB 2.0 interfaces are standard to connect you to all your digital peripherals and multimedia devices. Additionally the "silent mode" function reduces the fan noise extremely by diminishing the power.

The AMILO Si 1848 is the perfect companion – very attractive and able to give you pure pleasure at your daily work.

#### Features

- Intel® Centrino® Duo mobile technology with Intel® Core™ Duo processor T2300E or Intel® Core™ 2 Duo processor up to T7200
- Intel® PRO/Wireless 3945 ABG (802.11a/b/g-Standard)
- 15.4-inch LCD WXGA (1280 x 800) display with CrystalView technology
- ATI Mobility™ Radeon® X1300 with 64MB GDDR2 (with 256 MB HyperMemory™)
- Connect your notebook to external peripherals, storage devices or video equipment through the various USB 2.0, SPDIF, CRT and IEEE 1394 ports and Bluetooth® 2.0 connection
- AMILO Si 1848 is optional offered with integrated UMTS (AMILO Si 1848+u)
- Up to 1GB DDR2 in 2 SO-DIMM slots
- Silent Mode functionality
- Windows Vista™ or Windows® XP and Application Software



**Operating system**

Microsoft® Windows® XP Home  
 Windows Vista™ Capable<sup>1</sup>  
 or  
 Microsoft® Windows® XP Media Center Edition  
 Windows Vista™ Premium Ready<sup>1</sup>  
 or  
 Windows Vista™ Home Basic<sup>2</sup>  
 or  
 Windows Vista™ Home Premium<sup>2</sup>

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

Microsoft® Works Suite<sup>3</sup>  
 Microsoft® Entertainment Pack<sup>3</sup>  
 Microsoft® Works + Office Trial STE Edition<sup>3</sup>  
 Adobe Photoshop Elements 3.0<sup>3</sup>  
 Magix Media Suite<sup>3</sup>  
 Power DVD<sup>3</sup> or Vista DVD Playback Pack  
 Nero burning ROM<sup>3</sup> or Nero 7 Essential  
 Adobe Reader  
 Norton Internet Security Suite or Norman Anti-Virus  
 Country specific Internet Service Providers

Quick Start Guide, Safety Guide and Warranty Guide

**Drivers and Utility**

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

**System, processor, architecture**

Chipset: Intel® 945PM+ICH7-M  
 CPU: Intel® Core™ Duo processor  
       T2300E (1.66GHz, 667MHz FSB, 2MB L2 cache)  
  
       Intel® Core™ 2 Duo processor  
       T5500 (1.66GHz, 667MHz FSB, 2MB L2 cache)  
       T5600 (1.83GHz, 667MHz FSB, 2MB L2 cache)  
       T7200 (2.0GHz, 667MHz FSB, 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):  
 80, 100 and 120GB SATA hard disk  
 (also 160GB, when available)

**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  
 15.4" LCD WXGA CrystalView  
 Resolution (physic.): 1280x800

**ACPI functions**

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

**Graphics**

ATI Mobility™ Radeon® X1300 with 64MB DDR2  
 (with 256 MB HyperMemory™)  
 - Advanced Shader Model 3.0 Support  
 - Avivo™ Display Technology  
   (for superior quality pictures and videos)  
 - All-format HD Video Playback up to 720p\*  
 - PowerPlay 6.0 for extended battery life  
 - HyperMemory™ technology for optimal graphics  
   performance

\* standard resolution by 1280x720

**I/O Interfaces**

1x IEEE1394, 4x USB 2.0 ports  
 1x CRT  
 1x S-Video out  
 1x LAN, 1x modem  
 1x ExpressCard slot (34/54mm)  
 1x Headphone out shared with SPDIF  
 1x Microphone in shared with line in,  
 1x Power supply  
 1x 4-in-1 card reader SD/MS/MMC/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

**Si 1848+u:**

Optional integrated UMTS (without voice function);  
 only factory option, not customer upgradeable  
 - supports single band UMTS (HSDPA) 2100MHz  
   (data only)  
 - supports quadband EDGE/GPRS/GSM:  
   850/900/1800/1900MHz  
 - supports third generation (3G) digital cellular standards  
 - typical download rates of 600-800kbps,  
   peak speeds up to 1.8Mbps\*

\* Subject to network conditions, see service provider for details

**Audio**

Azalia codec (7.1 via SPDIF)  
 Built-in stereo speakers  
 Built-in microphone  
 Microphone in connector shared with stereo line-in  
 Headphone out connector shared with SPDIF support  
 Volume regulator per function key

**Launch Keys**

5 Launch Keys located on top of the keyboard enabling the  
 user to launch the following applications:  
 - E-mail  
 - Internet browser  
 - Silent mode (reduce noise level / fan speed, by reducing  
   the CPU performance)  
 - power button  
 - WLAN/BT on/off switch

**Hot Keys**

The following hotkeys or key combinations are available:

Fn-Esc	Enable/Disable Bluetooth®
Fn-F1	Suspend
Fn-F2	Enable/Disable UMTS if UMST module build in
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 brightness
Fn-F8	Decrease brightness
Fn-F9	Touchpad disable function

**Pointing device & control buttons**

Touchpad with a left and right mouse button  
Lid switch

**Status indicator**

The notebook has 6 status icons:

Caps lock  
Num lock  
Media activity (ODD/HDD)  
Power status (& suspend)  
RF (BT & WLAN) on / off  
Battery status charging / full / low

optional:

UMTS on/off if UMTS module is build in

**Security**

Supervisor password  
Kensington Lock

**Power system**

Li-Ion battery, 9 cells, 10.8V / 6600mAh  
Approximately 4h battery runtime, depending on usage<sup>4</sup>  
Dynamic charge supported  
ACPI 2.0 supported  
External universal AC adapter: 100 - 240V AC, 50 - 60Hz  
Output: 20V DC, 4.5A, 90W

**Dimensions and weight**

Dimensions (H x W x D): 27,53 x 358 x 258 mm  
Weight: 2,75kg<sup>5</sup>

**Operating conditions**

Operational: 5°C to 35°C (ambient temperature)  
10% to 90% relative humidity, non-condensing

**Certifications**

CE Marking  
R&TTE (WLAN/BT)  
WHQL  
BT SIG  
Macrovision license

**Warranty**

Country specific terms

**Accessories included**

AC adapter 90W  
First Battery 9-cell

**Accessories optional**

AC adapter 90W  
Second Battery 9-cell  
Car adapter (S26391-F2613-L600)

- 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](http://www.windowsvista.com/getready) for details.
- 2) Windows Vista™ Home Basic and Windows Vista™ Home Premium are available from January 30<sup>th</sup>, 2007 (depending on language).
- 3) Is only included for Windows® XP Home Edition or 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