

## **AMILO Dx850** **Intel® Pentium® 4 Processor**

Issue September 2004

Pages 3

If you are looking for a notebook offering high desktop performance in a mobile package, then the AMILO D x850 is the right choice for you. The ATI MOBILITY RADEON™ 9200 graphics controller ensures superb 3D graphics and high-quality DVD playback. With the future-proofed connectivity (S-Video out port, IEEE 1394 and 5 USB 2.0 interfaces), 15" XGA+ TFT for top-quality viewing and the power of Intel® Pentium® 4 processor, the AMILO D covers all needs of your modern life: work, play, shop and entertain.

### **Features:**

- Intel® Pentium® 4 Processor with HT Technology 3.06 GHz
- Mobile Intel® Pentium® 4 Processor with HT Technology 3.20 GHz
- Enjoy the viewing quality of TFT displays up to 15" XGA+
- Built-in DVD+R/ +RW drive or DVD dual double layer for maximum user comfort
- Connect your notebook to external storage devices and video equipment through the IEEE 1394 port offering transfer rates of up to 400Mbits/sec
- 5 USB 2.0 ports for transfer rates up to 480 Mbits/s
- External ATI MOBILITY™ RADEON™ 9200 graphics controller offering 64MB Video memory
- Up to 1GB DDR SDRAM in 2 DIMM slots
- Windows XP Home and Works Suite 2004<sup>1, 2</sup>



1) Depending on country, please see more details on last page of this datasheet

2) Works Suite 2005  
Phase in End of 2004

**Operating system**

Windows XP Home, Recovery CD is included

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

a) Microsoft Works Suite 2004 including Word 2002, Works 7.0, Microsoft Encarta® 2003, Microsoft Picture It!® 7.0, Microsoft AutoRoute 2002/2003\*, Microsoft Money 2002\*

\*availability depending on language

b) Word / Works

Countries will receive either Microsoft Works Suite or a Word/Works package. For language availability please see matrix on the next page

Adobe Photoshop Elements 2.0

Adobe Photoshop Album 1.0

Win DVD 5.0

Nero 6.0

**Driver & Utility CD including:**

Adobe Acrobat Reader 5.05

Norman anti-virus software (also pre-installed)

**Internet Service Providers – country specific**

Manual, Safety Guide and Warranty Guide

Online Manual

**System, processors, architecture**

Chipset: SIS 648 + SIS 963L

CPU: Intel® Pentium® 4 processor:

2.8 GHz 533MHz FSB

3.06 GHz (Hyper-Threading) 533MHz FSB

Intel® Mobile® Pentium® 4 /533 MHz FSB/ 1MB SLC/

Hyper-Threading: 3.2 GHz (Northwood)

518 (2.8GHz)

532 (3.0GHz)

538 (3.2GHz)

**Memory**

256 – 1024GB DDR SDRAM,

PC/2700 DDR333 (Desktop memory)

256 / 512 MB memory modules

2 DIMM memory slots (no memory on board)

**Storage devices / drives**

40 / 60 / 80 GB IDE hard disk

- DVD+R/ +RW

DVD 8x / DVD+R 2.4x / DVD+RW 2.4 / CD 24x / CD-R 16x /

CD-RW 8x

- 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™ 9200

64MB (with 15"XGA, SXGA+ display)

Support for latest "Shaders" technology to create most realistic 3D effects

DVD quality playback and 8x AGP support

FULLSTREAM™ Technology for improved Internet streaming quality

Frame Modulation-Brings standard 18-bit LCD panels up to 24-bit

Dual view possible under Win XP Home

Max. external resolution (CRT only)

1600 x 1200 / 16M / 85Hz

**Display**

15" TFT XGA, 1024 x 768 pixel

**I/O Interfaces**

1 x IEEE1394, 5 USB 2.0 ports, 1 x S-Video

1 x parallel, 1 x PS/2,

1 x modem, 1 x LAN, 1 x CRT

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

1 x microphone in, 1 x headphone out

1 x power supply,

**Communications**

Built-in 56K, V.90 international modem and

10/100 Mbps LAN

**Audio**

VT1612, 2 built-in speaker, built-in microphone, microphone in, headphone out

1 x volume regulator

**Easy Launch Keys**

Internet launching button, E-mail

**Pointing device & control buttons**

Touchpad with two mouse buttons and page-up / page down buttons

Power button / lid switch

**Status indicators**

The notebook has 5 status icons located under the display:

Power, Suspend, Battery low / charge, Caps Lock-Num Lock-Scroll Lock, DVD/RW, HDD

**Security**

User and supervisor password

Kensington Lock support

**Power system**

Li-Ion battery, 8 cells, 14.4V / 4000mAh

appr. 2.0 hrs battery runtime, depending on usage<sup>3</sup>

Intelligent power management for prolonged battery life

Dynamic charge supported, ACPI 2.0 supported

External universal AC adapter: 90 – 264 V AC, 50-60HZ, output:

120W with 20V DC

**ACPI functions**

S1 standby (LCD off)

S3 save to RAM

S4 save to disk

**Dimensions and weight**

345mm x 282mm x 41mm

3.5 kg (with 15"XGA, Li-Ion battery, HDD, DVD+R/+RW drive)<sup>4</sup>

**Operating conditions**

Operational: 5°C to 35°C (ambient temperature)

10% to 90% relative humidity, non-condensing

AC input 100-240 V, 50-60 Hz

**Certifications**

CE Marking

Energy Star

**Warranty**

Country-specific terms

**Options**

MEMORYBIRD

USB Floppy Drive

Carrying cases

<b>Works Suite 2004</b>	<b>Word 2002 / Works 7.0</b>	<b>Word 2002 / Works 6.0</b>
English UK English US (for MENA) German French  Spanish Italian Swedish Norwegian Dutch Finnish Danish	Hungarian Czech Polish	Portuguese Russian Turkish Greek (Word 2002 Greek / Works 7.0 US)

\* For all other countries there is no country-specific bit-image available. These countries can order any of the above-mentioned variants.

- 3) Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage.
- 4) Weight may vary depending on actual configuration