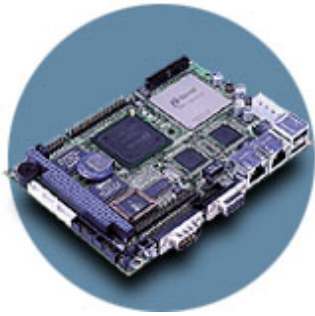


AW-B651

[Download](#) | [Features](#) | [Specifications](#) |



Features

- NS GX1-300MHz low power processor
- Supports CRT and 18-bit TFT panels
- Dual 32-bit PCI-bus 100/10 Mbps Ethernet interface
- Supports AC-97 audio interface
- Supports WOL and Modem ring-in wakeup functions

Specifications

General Functions

CPU	NS GX1-300MHz low power processor
BIOS	Award® 256KB Flash BIOS
Chipset	NS CX5530A
I/O Chipset	Dual Winbond 83977
Memory	One 144-pin SO-DIMM socket support up to 128Mbytes SDRAM
Enhanced IDE	Support up to two IDE devices (Ultra DMA 33).
FDD interface	Support up to two floppy disk drives
Parallel port	Support SPP/ECP/EPP
Serial port	Three RS-232 and one RS-232/422/485 serial ports.
IR interface	Support one IrDA Tx/Rx header
KB/Mouse connector	Support PC/AT keyboard and PS/2 mouse
USB connectors	Support dual USB ports
Battery	Lithium battery for data retention up to 10 years(in normal condition)
Watchdog Timer	Software programmable.
PC/104 Connector	One PC/104 connector
Power management	APM 1.1 compliant

Flat Panel/CRT Interface

Chipset	NS CX5530A
Display memory	Share system memory 1~4MB
Display type	Simultaneous supports CRT and 18-bit TFT LCD
Resolution	Flat panel displays support up to 1024 x 768 @ 18bpp TFT panel and CRT monitors up to 1024 x 768 @ 16bpp or 1280 x1024 @ 8bpp

Ethernet Interface

Chipset	Dual Intel 82559ER or Realtek RTL8139C (option)
Ethernet interface	PCI 100/10 Mbps Ethernet controller

SSD Interface	One 50-pin CompactFlash™ socket
----------------------	---------------------------------

Sound Interface (option)

Chipset	Option AC 97 codec
Audio controller	SoundBlaster Pro Hardware and Direct Sound Ready AC97 Digital Audio
Audio interface	Mic in, Line in, Speaker out and CD audio in
Software Driver	Supports for Windows 95, Windows 98 and windows NT

Mechanical and Environmental

Power supply voltage	VCC (4.75V to 5.25V)
Max. power requirements	2A @ 5 V, +12V@300mA
Operating temperature	32 to 140°F (0 to 60°C)
Board size	5.7"(L) x 4"(W) (145mm x 102mm)
Weight	0.6 lb. (0.3 Kg) (bare)

| [Home](#) | [Company Profile](#) | [Products](#) | [Supports](#) | [News](#) |

Taiwan Office : AEWIN Technologies Co., Ltd. 1F, No. 2, Lane 47, Sec. 3, Nan-Gang Rd., Taipei, Taiwan, R.O.C.

Tel: 886-2-2651-8258 Fax: 886-2-2652-1433

[E-mail: info@aewin.com.tw](mailto:info@aewin.com.tw)

<http://www.aewin.com.tw>

The pages are best viewed in 800*600 16bits color with IE4.0 or above
Copyright©2000 AEWIN Technologies Co., Ltd., All rights reserved