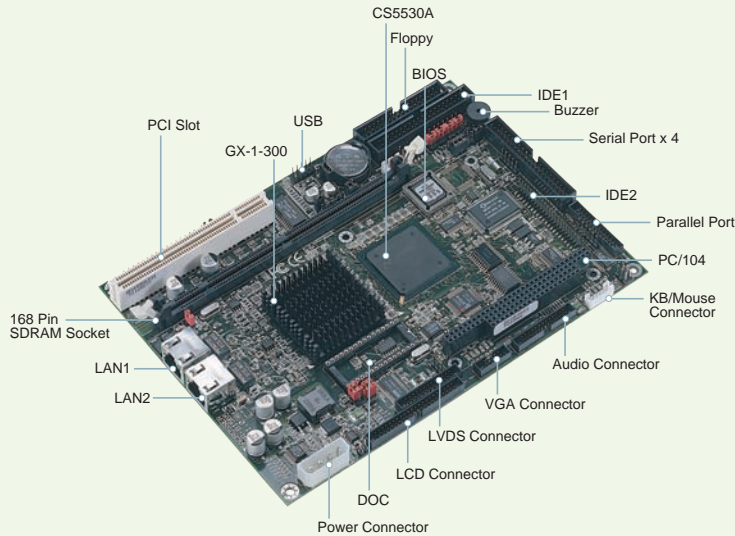


AR-B1565 Series

586 5.25" EPC



Features

Fanless 5.25" Onboard 586 Grade Geode GX1 300MHz CPU with VGA (CRT/LCD), Dual 10/100 LAN, PC104 2 USB 1.1, 2 Serial Ports, 4-bit GPIO, Audio, DOC, CF (optional)

Fanless

586

5.25"

SDRAM

2 USB

2 LAN

4 COM

CF (Option)

DOC

Audio

LCD

PC104 Slot

Specification

System:

CPU	On-board NS Geode GX1 300MHz
Chipset	NS CS5530A
System Memory	One DIMM socket, supports up to 128MB SDRAM memory
BIOS	Award
SSD	Optional AR-B9462C for Compact Flash Type I interface. One DiskOnChip (DOC) socket, supports up to 256 MB flash memory
Watchdog Timer	Software programmable 1~63 seconds
Expansion Interface	16-bit PC/104 (64-pin). One 32-bit PCI slot
Battery	Lithium 3V/220mAH
Power Requirement	+5V (AT&ATX)
Dimension	203 mm x 146 mm (8" x 5.75")
Operating Temperature	0~60°C(32~140°F)
Storage Temperature	-20~80°C(-4~176°F)
Operating Humidity	0% ~ 90% Relative humidity non-condensing

I/O:

Main IO	2 x EIDE (Ultra DMA33, 40-pin/44-pin), 1xFDD, PS/2(KB/Mouse), 1xRS232C/485, 3xRS232, 1x LPT
IrDA	Yes (Share with COM 4)
Ethernet	Realtek 8100B (10/100 Base-T, RJ45 x 2)
Audio	On-board AC97 Codec (Mic in, Line in, Line out, Speaker out -1watt amplify)
USB	2 (USB 1.1 compliant)
GPIO	One 4-bit TTL I/O

Packing list

190030005	COM Cable
190030006	3.5" FDD Cable
190030007	3.5" HDD Cable
190030008	2.5" HDD Cable
190030157	LPT Cable
190030158	VGA Cable
190030195	KB+Mouse Cable
190030136	USB Cable with Bracket
1010080268-01	AR-B9425A Audio Transfer Board
190030132	Audio Transfer Board Cable

Display:

Chipset	NS CS5530A on-chip VGA
Memory Size	Shared system memory 1~4MB
Resolution	CRT: up to 1280x1024, TFT LCD: up to 1024x768
Interface	CRT-D-SUB 15-pin female connector 18-bit for TTL LCD Panel 18-bit for LVDS LCD Panel
TV-out	TV-OUT Supports NTSC and PAL TV format. Provides composite and S-Video outputs (AR-B1565A)

Ordering Information

Standard:

AR-B1565	Fanless 5.25" Onboard 586 Grade Geode GX1 300MHz CPU with VGA (CRT/LCD), Dual 10/100 LAN, PC104 2 USB 1.1, 2 Serial Ports, 4-bit GPIO, Audio, DOC, CF (optional)
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Optional:

190030412	USB Cable without bracket
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Packing list

Utility CD, Manual

Specifications are subject to change without notice.