

IP-AN270A

Mini-ITX Atom™ N270 Industrial Motherboard with CRT/LCD, Audio and Dual GbE LANs



◀ **New!!**

Features

- Ultra Low Profile (16.8mm Height Max.)
- Soldered Onboard Intel Atom™ N270 1.6GHz Processor
- Soldered Onboard DDRII-533 1GB
- Soldered Onboard 4GB NAND Drive (IP-AN270B))
- Soldered Onboard Touch Screen Controller
- Support CRT, LCD, Dual Channel 18-bit LVDS
- Multiple Expansion (6 x USB/6 x Serial Ports/1 x PCI/1 x Mini-card Slot)
- Versatile Storage (2 x SATA, 1 x IDE, 1 x NAND Drive (IP-AN270B))
- **Extended Operating Temp.: -20 ~ 70°C**

System

CPU	Intel Atom™ N270 1.6GHz processor with 533MHz FSB
Memory	Soldered onboard 1GB DDRII 533MHz SDRAM
Chipset	Intel 945GSE + ICH7M
BIOS	Phoenix-Award Flash BIOS
Storage	1 x Ultra ATA 33, support 1 IDE device 2 x Serial ATA 150MB/s HDD transfer rate
NAND Drive	Soldered onboard NAND Drive 4GB (IP-AN270B only)
Watchdog Timer	255-level reset

I/O

Serial Port	4 x RS-232 ports 2 x RS-232/422/485 selectable ports
Parallel Port	SPP/EPP/ECP mode selectable
USB Port	6 x USB 2.0 ports
KB/MS	Internal 1 x 6-pin wafer connector for keyboard and mouse
Expansion Bus	1 x PCI slot 1 x Mini-card slot

Ethernet

Chipset	2 x Realtek RTL8111C 10/100/1000 base-T Ethernet LAN
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Audio

Onboard Codec	Realtek ALC888 HD Audio Codec, support Mic-in/Line-in/Line-out
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Expansion Interface	One 1 x 9-pin wafer connector for expansion Audio board via AC97 interface (ADB-1111)
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Display

Graphics Chipset	Integrated with Intel Graphics Media Accelerator (GMA950)
Video Port	CRT support up to 2048 x 1536 LCD support dual channel 18-bit LVDS

Expansion Interface	SDVO: 1 x Intel compliant SDVO B port supports external DVI, TV-out and LVDS transmitter (via daughterboard)
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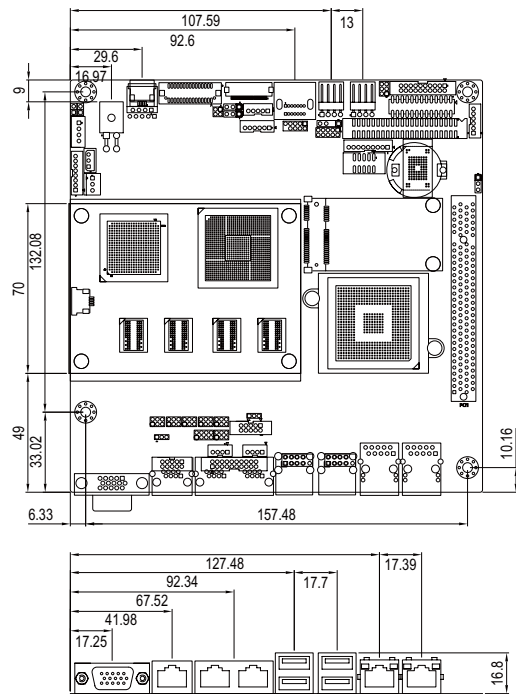
Touch Screen Interface

Mode	4-pin FPC for 4 wire 4-pin header for 4 wire 5-pin header for 5 wire
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Mechanical & Environmental

Power Requirement	ATX 12V input
Operating Temp.	-20 ~ 70°C (-4 ~ 158°F)
Operating Humidity	0 ~ 90% (non-condensing)
Dimension (L x W)	170 x 170 mm (6.7" x 6.7")

Dimensions



Ordering Information

IP-AN270A	Mini-ITX Intel Atom™ N270 1.6GHz industrial motherboard with CRT/LCD, Audio and dual GbE LANs
IP-AN270B	IP-AN2701A with onboard soldered 4GB NAND Drive
CK-12-2701-00	Cable kit
ADB-1111	ALC888 HD Audio daughterboard