

SBC



IPC-HP588

ISA Intel® Atom™ CPU
half card w/VGA / Audio /
LAN

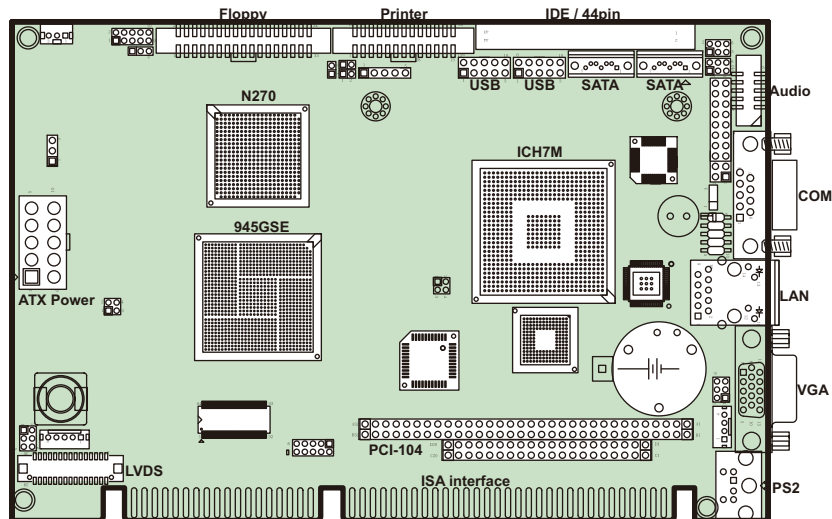
Features :

- Intel® Atom™ N270 (1.6GHz) CPU on board
- Intel® 945GSE + ICH7M+ FWH (FSB : 533MHz)
- 1 x 200-Pin DDR2 SO-DIMM, supports DDR2 400/533 up to 2GB
- Expansion PC/104
- Fanless Solution



ISO CERTIFIED
9001 14001

ISA Intel® Atom™ CPU half card w/VGA / Audio / LAN



Specifications

System	
CPU Support	Intel® Atom™ N270 (1.6GHz) CPU on board
CPU Frequency	1.6GHz
Chipset	Intel® 945GSE + ICH7M (FSB: 533MHz)
DRAM	1 x 200-Pin DDR2 SO-DIMM, supports DDR2 400/533 up to 2GB
BIOS	Phoenix-Award PnP BIOS Memory size 8 Mbit
Watchdog	1~255 secs Watchdog timer selectable w / Reset / NMI
Power Supply	Supports AT / ATX power
Power Requirement	+5V, +12V
power consumption	+5V: 5.4A/ +12V: 1A
Dimension	185mm x 122mm (7.28" x 4.8")
Certificate	CE / FCC

I/O Chipset

SATA Interface	2 x S-ATA II connector
IDE Interface	1 x IDE connector with 44-pin Pin header on board
SSD	1 x compact flash slot (IDE)
FDD Interface	1 x FDD connector with 34-pin Boxheader
Expansion BUS	1 x PC/104
Serial Port	2 ports, 16550 UARTs RS-232 COM 1 for RS-232 COM 2 for RS-232/422/485

Parallel Port	1 x parallel port (SPP / EPP / ECP)
IrDA	1 (SIR)
Keyboard	1 x Mini DIN connector
Mouse	1 x Mini DIN connector
LAN	Single Port Intel® 82583V GbE
Audio	HD audio, Realtek ALC262
USB	4 x USB 2.0

Display

Graphic	Build-in Intel® 945GSE Supports CRT, LVDS
LCD Interface	LVDS (2CH x18-bits) support UXGA (1600 x 1200)

Environment

Operation Temp.	0°~60°C (32°~140°F)
Storage Temp.	-40°~85°C (-40°~185°F)
Humidity	Operation humidity 20~90%, Storage humidity 20~95%

Ordering Information

Half-Size ISA CPU card w Intel® Atom™ CPU / VGA / LVDS / Audio / LAN(GbE) / 2 x COM