



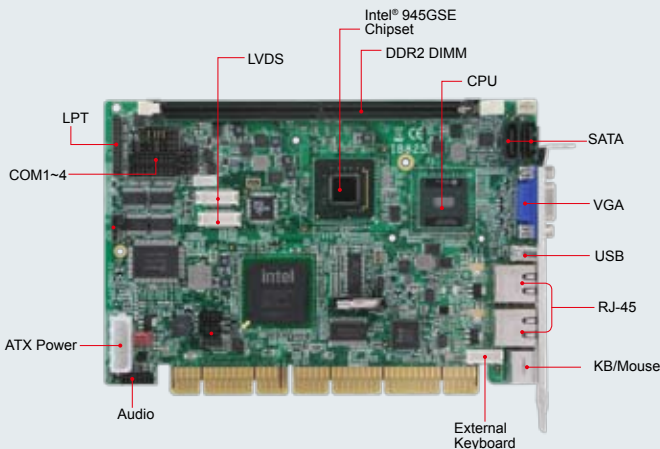
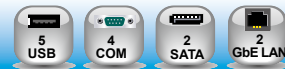
CPU Cards

Intel® Atom™-Based

Intel® Atom™ N270 processor Half-Size PISA CPU Card w/ Intel® 945GSE Chipset

- 1 Motherboards
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IB825



Features

- Intel® Atom™ Processor N270, 1.6GHz
- 1x DDR2 DIMM, Max. 2GB
- Integrated graphics device, GMA 950
- Supports 24-bit LVDS and CRT
- 2x PCI-E GbE LAN
- 5x USB, 4 x COM, 2x SATA, 1x Mini PCI-E slot
- Watchdog timer, Digital I/O, PCI to ISA bridge

System

CPU	Intel® Atom™ Processor N270, 1.6GHz
System Memory	1x DDR2 DIMM, Max. 2GB (Non-ECC)
System Chipset	Intel® 945GSE+ICH7M, 533MHz FSB
BIOS	Phoenix
Watchdog Timer	256 levels
SSD	Type II CF socket
H/W Monitor	Yes
Expansion Slot	1x Mini PCI-E

Graphics

VGA Controller	Intel® 945GSE GMCH integrated graphics device (GMA 950)
VGA Memory	Supports DVMT 3.0; Max. shared memory – 224MB
LCD Interface	Supports CRT and 24-bit dual channels LVDS interface, onboard Chrontel CH7308B for LVDS

LAN

LAN Controller	2x Intel® 82583V PCI-E GbE LAN
Connector	RJ-45 on board

Multi I/O

I/O Chipset	Winbond W83627UHG 1x KB/mouse, 3x RS232, 1x RS-232/422/485, 2x SATA, 1x LPT
USB	1 port on board Pin header for 4 ports (USB 2.0)
Audio	Built-in HD audio controller + Realtek ALC662 codec w/ 5.1 channels
Others	Digital I/O (4-in/4-out)

Mechanical and Environmental

Dimensions	186mm x 129mm (7.32" x 5.08")
Max. Power Requirement	Intel® Atom™ N270 1.6GHz w/ 2GB DDR2-800 +5V: 4.31A +12V: 1.28A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

IB825F	Intel® Atom™ N270 onboard 945GSE Half-Size CPU Card w/ VGA, 24-bit LVDS, dual PCI-E GbE LAN
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Remarks:

* Specifications are subject to change without prior notice.