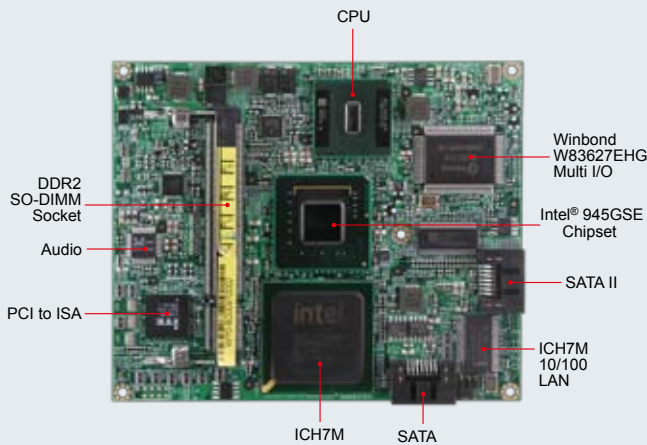


## ET820



## Features

- Onboard Intel® Atom™ Processor N270, 1.6GHz, 533MHz FSB
- 1x DDR2 SO-DIMM, Max. 2GB
- Supports CRT and LVDS (18/24-bit dual channel)
- Integrated ICH7M 10/100BaseT LAN
- Watchdog timer, PCI to ISA
- 2x SATA, 2x IDE, 4x USB 2.0, 2x COM

## System

CPU	Intel® Atom™ Processor N270, 1.6GHz
System Memory	1x DDR2 SO-DIMM, Max. 2GB
System Chipset	Intel® 945GSE + ICH7M, 533MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	DOM or CF socket on baseboard
H/W Monitor	Yes
Expansion Slot	4x ETX connectors for PCI bus, USB, audio, VGA/CRT, LVDS, LAN, COM ports, LPT, IDE, PS/2 keyboard/mouse and ISA bus

## Graphics

VGA Controller	Intel® 945GSE integrated Graphics Media Accelerator 950 (GMA 950), supports CRT/LVDS
VGA Memory	Shared memory - Max. 224MB
Display Interface	Support CRT VGA & 18/24-bit dual channel LVDS

## LAN

LAN Controller	ICH7M built-in 10/100Mbps LAN
Connector	On baseboard

## Multi I/O

I/O Chipset	ICH7M, Winbond W83627EHG 1x IDE (UDMA33/66/100), 1x KB, 1x mouse, 1x LPT 2x RS232, 2x SATA
USB	4 ports (USB 2.0) via baseboard
Audio	Intel® ICH7 built-in audio w/ Realtek ALC662 codec
Others	ITE IT8888G x1 (slave ISA only)

## Mechanical and Environmental

Dimensions	95mmx 114mm (3.74"x 4.49")
Max. Power Requirement	Intel® Atom™ Processor N270 1.6GHz w/ 1GB DDR2-667 +5V: 2.66A +12V: 0.66A
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

ET820	Intel® Atom™ N270 945GSE ETX (3.0) CPU Module w/ VGA and 10/100 LAN
HSET820-BGA-1	Heatsink/Cooler for ET820
IP100P-R	5.25" Disk-Size ETX Baseboard (1.0)

## Remarks:

\* Specifications are subject to change without prior notice.

Motherboards

1

Disk-Size SBDS

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CPU Modules

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PC/104 Plus

4

CPU Card

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Embedded Systems

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Network Security Appliance

7