

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

Specifications

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
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 Controller	ICH7M built-in 10/100Mbps LAN
Connector	On baseboard
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)
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-PGA-1	Heatsink/Cooler for ET820
IP100P-R	5.25" Disk-Size ETX Baseboard (1.0)

IP510



Mini ITX Nano ETX Express Baseboard

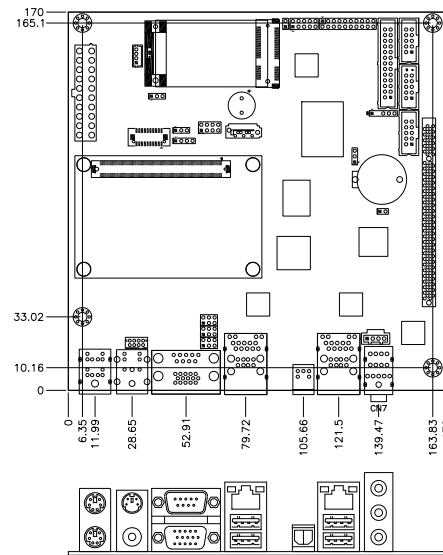
Features

- Winbond W83627EHG
- Watchdog timer, 4-in / 4-out digital I/O
- 2x Realtek 8111DL GbE LAN
- Edge connectors for PS/2, VGA, COM1, dual RJ45, 4x USB, audio connector (Line-out, Line-in & Mic.)
- 1x Mini-PCIe (x1), 1x PCI slots
- Board connectors for 1x SATA, 1x LVDS, 2x USB, 1x LPT, 3x COM and Nano ETX Express connector
- ATX power connector
- 170mm x 170mm

Ordering Information

IP510: Mini ITX Nano ETX Express baseboard

Dimensions Drawing



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw.