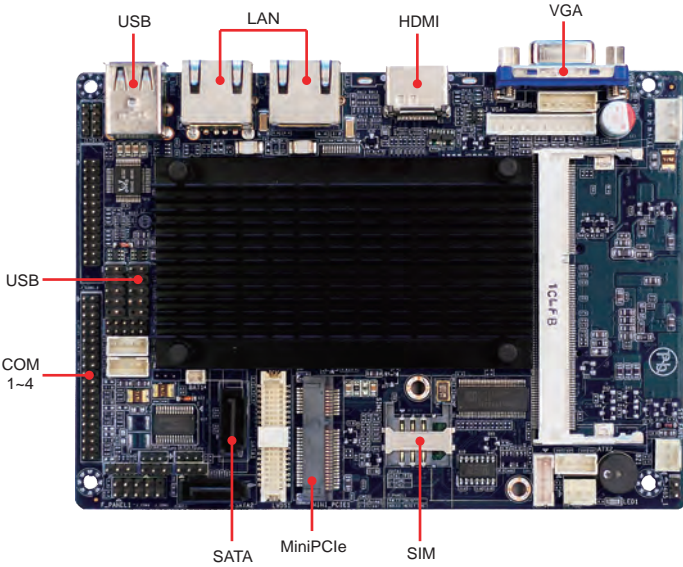


AMB-N280S1

AMB-N280S1

3.5" SBC with Intel N2800, NM10, DDR3, GbE, SATA II, USB 2.0, COM



3.5"

Features



- Intel N2800 Processor with NM10 Chipset
- One 204-Pin DDR3 SO-DIMM Socket
- 6 x COM, 4 x USB 2.0, 1 x SATA II, 2 x Mini PCIe, 2 x GbE
- mSATA Support



Embedded SBC

Specification

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CPU	Intel Atom N2800 Dual Core 1.86GHz
Chipset	Intel NM10 PCH
Memory	1 x 204-pin SO-DIMM socket supports DDR3 SDRAM up to 4GB, non-ECC

Video

Graphic Controller	Integrated Intel Graphics Media Accelerator 3650
Video Interface	<ul style="list-style-type: none"> ● 1 x VGA (1 x DB15) ● 1 x HDMI ● 1 x 18-bit LVDS (1 x pin header)

Storage

SATA	1 x SATA II port
mSATA	1 x mSATA port (Mini PCIe socket)

I/O

Expansion Slot	2 x Mini PCIe socket
Ethernet	2 x Gbps RJ45 with LED, Realtek RTL8111E
Serial Port	4 x RS-232 (1 x 40-pin header) 1 x RS-232 (1 x 3-pin header, only TX/RX) 1 x RS-232/485 (1 x 3-pin header, only TX/RX)
USB	4 x USB 2.0 (2 x external, 2 x pin header)
GPIO	8-bit Digital I/O
Parallel Port	1 x LPT (1 x pin header)
Keyboard/Mouse	1 x JST 6-pin header
Audio	<ul style="list-style-type: none"> ● Realtek ALC662 Audio Codec ● MIC-in / Line-out (1 x pin header)

Hardware Feature

Hardware Monitoring	CPU voltage and temperature.
WatchDog Timer	Software programmable 1~255 sec.

Power Requirement

Power Input	1 x 4-pin 2.54mm single 12V power input connector
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Software

OS Support	Windows 7 32-bit, Fedora 14 32-bit
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Mechanical & Environment

Dimension	146mm x 102mm (5.7" x 4")
Operating Temp.	0~55°C (32~131°F)
Storage Temp.	-20~80°C (-4~176°F)
Safety	CE, FCC class A

Packing List

- 1 x AMB-N280S1
- 1 x Driver CD
- 1 x Quick Guide
- 1 x SATA Power Cable
- 1 x SATA Cable
- 1 x DC Power Cable
- 1 x 4 in 1 COM Cable (4 x DB9)

Ordering Information

AMB-N280S1	3.5" SBC with Intel N2800, NM10, DDR3, GbE, SATA II, USB 2.0, COM
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