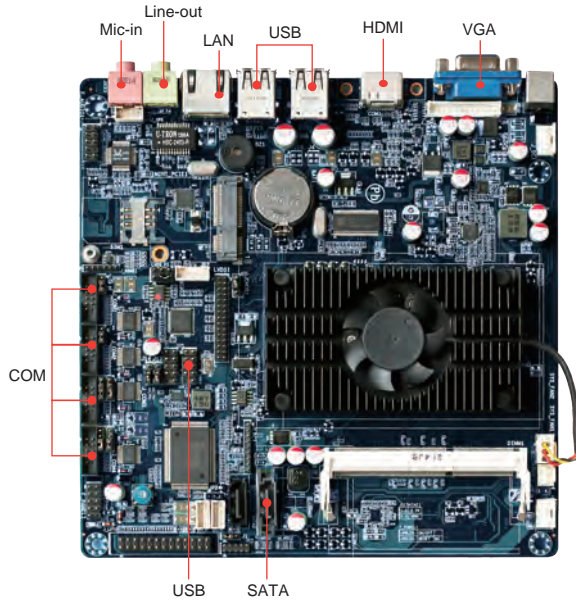


AMB-D255T1

AMB-D255T1

Mini-ITX with Intel D2550, NM10, DDR3, GbE, SATA II, USB 2.0, COM



Mini-ITX

Features

- Intel D2550 Processor with NM10 Chipset
- One 204-Pin DDR3 SO-DIMM Socket
- 4 x COM, 6 x USB 2.0, 1 x SATA II, 1 x Mini PCIe, 1 x GbE
- Mini PCIe Expansion, SIM Card Socket
- mSATA Support



Industrial Mainboard

Specification

Specification

CPU	Intel Atom D2550 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 24-bit LVDS (1 x pin header)

Storage

SATA	1 x SATA II
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I/O

Expansion Slot	1 x Mini PCIe socket
Ethernet	1 x Gbps RJ45 with LED, Realtek RTL8111E
Serial Port	<ul style="list-style-type: none"> ● 3 x RS-232 (3 x pin header) ● 1 x RS-232/TTL (1 x pin header)
USB	6 x USB 2.0 (4 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 6-pin header
Audio	<ul style="list-style-type: none"> ● Realtek ALC662 Audio Codec ● MIC-in / Line-out (2 x phone jack)

Hardware Feature

Hardware	<ul style="list-style-type: none"> ● CPU voltage and temperature
Monitoring	<ul style="list-style-type: none"> ● FAN speed
WatchDog Timer	Software programmable 1~255 sec.

Power Requirement

Power Input	<ul style="list-style-type: none"> ● 1 x 4-pin 2.54mm single 12V power input connector ● 1 x single 12V power input DC jack
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Software

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

Dimension	170mm x 170mm (6.69" x 6.69")
Operating Temp.	-10~5 °C (14~131°F)
Storage Temp.	-20~80°C (-4~176°F)
Safety	CE, FCC class A

Packing List

- 1 x AMB-D255T1
- 1 x Driver CD
- 1 x Quick Guide
- 1 x SATA Power Cable
- 1 x SATA Cable
- 1 x DC Power Cable
- 4 x COM Cable (DB9)

Ordering Information

AMB-D255T1	Mini-ITX with Intel D2550, NM10, DDR3, GbE, SATA II, USB 2.0, COM
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