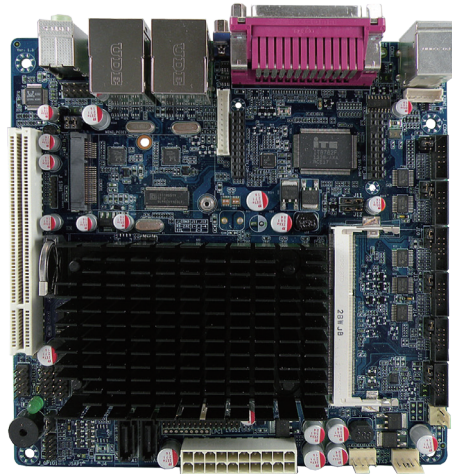


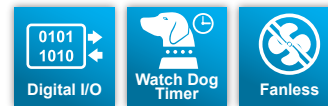
AMB-D255T3

Mini-ITX SBC with Intel Atom D2550, NM10, DDR3, HDMI, GbE, SATA II, USB 2.0, COM, PCI



Features

- Intel D2550 Processor with NM10 Chipset
- One 204-Pin DDR3 SO-DIMM Socket
- 6 x COM, 6 x USB 2.0, 2 x SATA II, 2 x GbE LAN
- 1 x Mini PCIe, 1 x PCI



Specification

System

CPU	Intel Atom D2550 Dual Core 1.86GHz
Chipset	Intel NM10 PCH
Memory	1 x 204-pin SO-DIMM socket supports DDR3 SDRAM (Non-ECC up to 4GB)

Video

Graphic Controller	Integrated Intel Graphics Media Accelerator 3650
Video Memory	Shared Memory
Video Interface	<ul style="list-style-type: none">• 1 x VGA (1 x DB15)• 1 x HDMI• 1 x single channel 18-bit LVDS

Storage

SATA	2 x SATA II port w/o SATA power connector
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I/O

Ethernet	2 x GbE RJ45 with LED, Realtek RTL8111E
Expansion Slot	1 x Mini PCIe socket 1 x PCI slot
Serial Port	6 x RS-232 (6 x internal header, COM6 only TX/RX)
USB	6 x USB 2.0 (4 x external, 2 x internal header)
GPIO	4-bit GPI and 4-bit GPO
Paralle Port	1 x LPT (1 x DB25)
Keyboard/Mouse	1 x PS/2 Mouse, 1 x PS/2 Keyboard
Audio	<ul style="list-style-type: none">• Realtek ALC662 Audio Codec• 1 x Mic-in, 1 x Line-out (2 x phone jack)

Hardware Feature

WatchDog Timer	Software programmable 1~255 sec.
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Power Requirement

Power Input	1 x ATX 20-pin connector
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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.	0~55°C (32~131°F)
Storage Temp.	-20~80°C (-4~176°F)
Safety	CE, FCC compliant

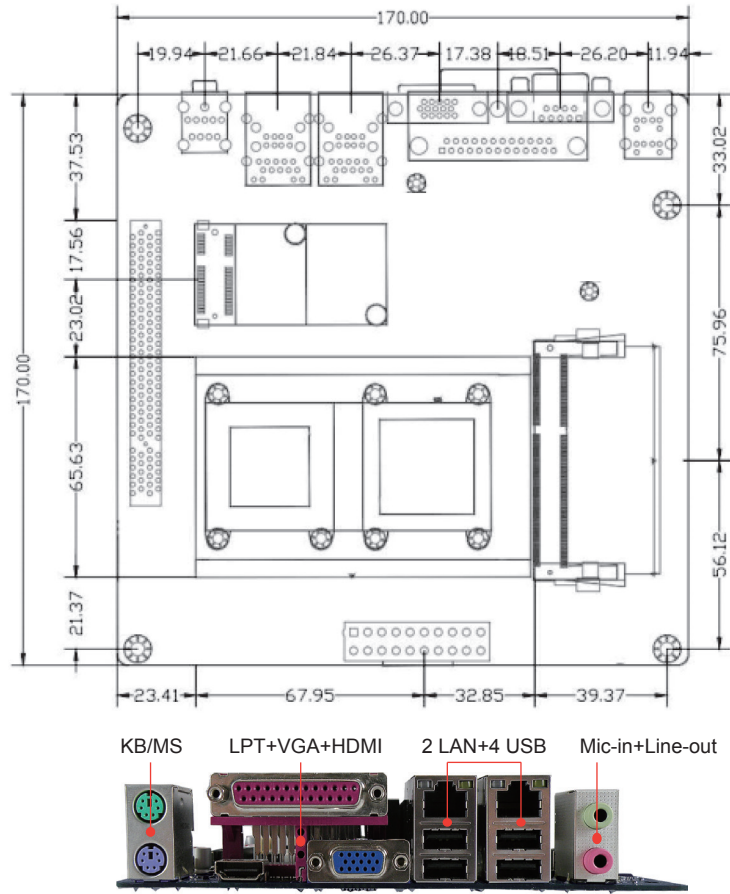
Packing List

- 1 x AMB-D255T3
- 1 x Driver CD
- 1 x Quick Guide
- 6 x COM Cable (DB9)
- 1 x SATA Cable
- 1 x IO Shield

Ordering Information

AMB-D255T3	Mini-ITX SBC with Intel D2550, NM10, DDR3, GbE, SATA II, USB 2.0, COM
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Dimension



I/O Connectors

