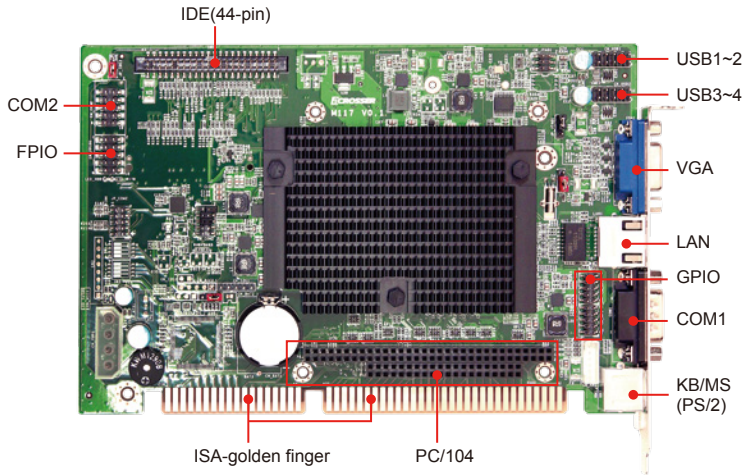


# AMB-VDX3H2

Fanless ISA Bus DM&P Vortex86DX3 Dual core 1GHz SBC



## Features

- Fanless Design
- Onboard DM&P Vortex86DX3 1GHz dual core
- Onboard 512GB DDR3 SDRAM
- IDE, CF,msata(Reserved)
- PC/104 & ISA Interface
- 2 x COM, 4 x USB 2.0, VGA, 1 xRJ45 10/100 Mbps LAN



## Specification

### System

CPU	Onboard DM&P Vortex86DX3 1GHz,dual core
Memory	Onboard DDR3 512MB SDRAM
BIOS	AMI
WatchDog Timer	Software programmable 0~255 sec.(0=disable)

### Video

Graphic Controller	Integrated
Video Memory	shared with main memory(16/32MB)
Video Interface	1 x VGA (DB15)

### Storage

IDE	1 x IDE (44-pin)
SATA	1 x msata(Reserved)
CF	1 x CF Card

### I/O

Ethernet	1 x RJ45 10/100 Mbps LAN
Expansion Slot	1 x PC/104,1 x ISA golden finger
Serial Port	<ul style="list-style-type: none"> <li>• COM1 RS-232 (1 x DB9)</li> <li>• COM2 RS-232/422/485 (Pin header)</li> </ul>
USB	4 x USB 2.0 (4 x pin header)
GPIO	16-bit Digital I/O
SRAM	512K (Reserved)
Keyboard/Mouse	<ul style="list-style-type: none"> <li>• 1 x PS/2</li> <li>• 1 x JST</li> </ul>
FPIO	1 x FPIO

### Power Requirement

Power Input	AT:5V + 12V input
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### Software

OS Support	Windows XP, Windows Embedded CE 6.0, Windows 7 (32 bits),DOS
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## Mechanical & Environment

Dimension	185mm x 122mm (7.29" x 4.81")
Operating Temp.	0~60°C (32~140°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90% @40°C, non-condensing
Safety	CE, FCC compliant

## Packing List

- 1 x AMB-VDX3H2
- 1 x Quick user guide

## Ordering Information

AMB-VDX3H2A	1 x AMB-VDX3H2A (1GHz CPU/512MB Memory, 1 x RS232/ 1 x RS232/RS422/RS485) CF+IDE 1 x Quick User Guide
AMB-VDX3H2A1	1 x AMB-VDX3H2A1 (1GHz CPU/512MB Memory, 1 x RS232/ 1 x RS232/RS422/RS485) CF+mSata 1 x Quick User Guide 1 x Utility CD
accessory	ACC-VDX3H2: 1 x 44-pin IDE cable 1 x DB9 cable w/bracket 1 x 2 port USB cable w/bracket 1 x KB/MS Y-cable