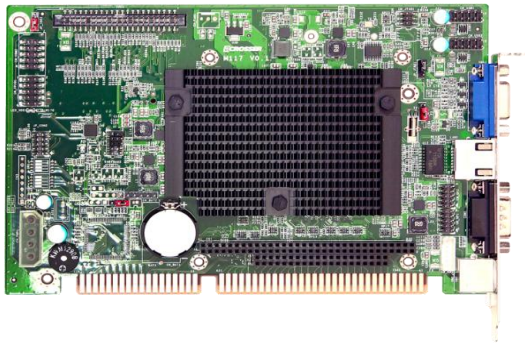


AMB-VDX3H2

Fanless Half-Size SBC with
ISA Bus DM&P Vortex86DX3 Dual core 1GHz



Features

- Fanless Design
- Onboard DM&P Vortex86DX3 1GHz dual core
- Onboard 512 MB DDR3 SDRAM
- IDE, CF, msata
- PC/104 & ISA Interface
- 2 x COM, 4 x USB 2.0, VGA, 1 x RJ45 10/100 Mbps LAN

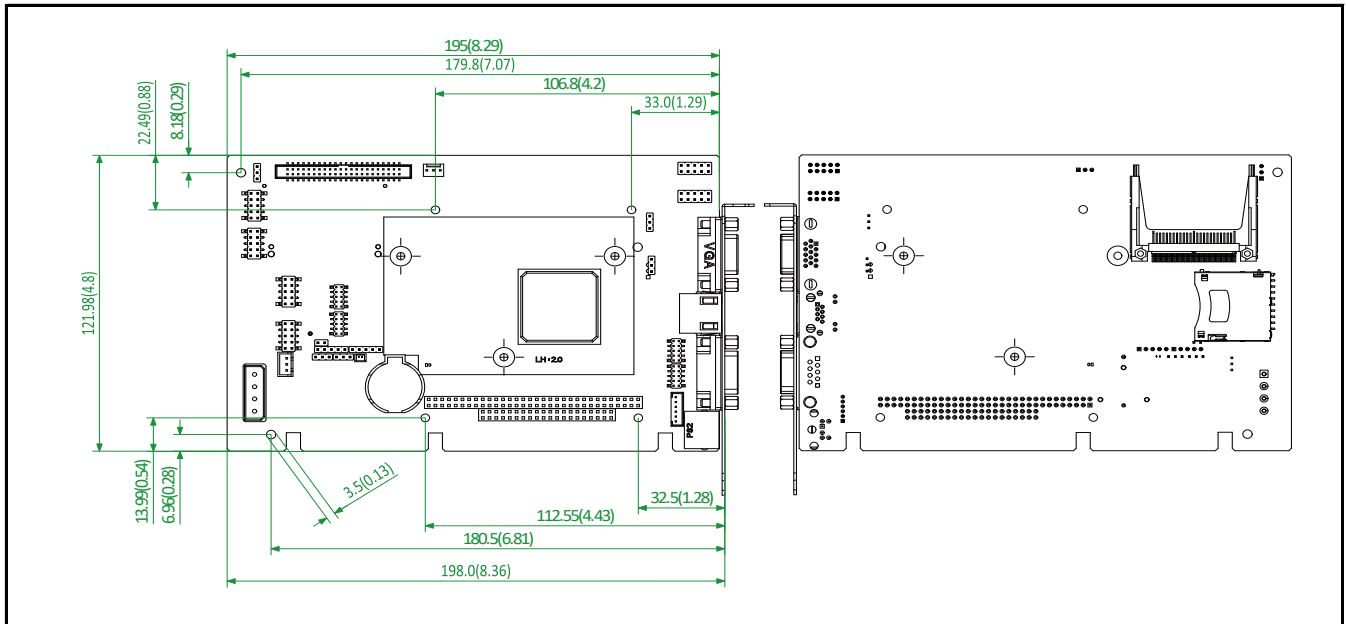
Specifications

System	
CPU	Onboard DM&P Vortex86DX3, 1GHz
Memory	Onboard 512 MB DDR3 SDRAM
BIOS	AMI
WatchDog Timer	Software programmable 0 ~ 511 sec. (0=disable)
Video	
Graphic Controller	Integrated
Video Memory	shared with main memory (64 GB)
Video Interface	1 x VGA (DB15)
Storage	
IDE	1 x IDE (44-pin) <AMB-VDX3H2A>
SATA	1 x msata <AMB-VDX3H2A1>
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	COM1 RS-232 (1 x DB9) COM2 RS-232/422/485 (Pin header)
USB	4 x USB 2.0 (4-pin header)
GPIO	16-bit Digital I/O
Keyboard/Mouse	1 x PS/2 or JST
FPIO	1 x FPIO

Power Requirement	
Power Input	AT: 5V & 12V input ISA Interface
Software	
OS Support	Windows XP, Windows Embedded CE 6.0, Windows 7 (32 bits), DOS
Environment & Mechanical	
Dimension	185 x 122 mm (7.29" x 4.81")
Operating Temperature	0 ~ 60 °C (32 ~ 140 °F)
Storage Temperature	-20 ~ 80 °C (-4 ~ 176 °F)
Relative Humidity	0% ~ 90% @40°C, non-condensing
Safety	CE, FCC compliant

Dimension

Unit: mm / inch



Ordering Information

Packing List

1 x AMB-VDX3H2

Part Number

AMB-VDX3H2A	1 x AMB-VDX3H2A (1GHz CPU/512 MB Memory, 1 x RS-232/1 x RS-232/422/485), CF+IDE
AMB-VDX3H2A1	1 x AMB-VDX3H2A1 (1GHz CPU/512 MB Memory, 1 x RS-232/1 x RS-232/422/485), CF+mSata

Optional Accessories

Part Number / Item

ACC-VDX3H2
1 x 44-pin IDE cable
1 x DB9 cable with bracket
1 x 2 port USB cable with bracket
1 x KB/MS Y-cable