



## AMB-VDX3H2 – Half-SizeISA Bus SBC with DM&P Vortex86DX3

The AMB-VDX3H2 is a half-sizeISA bus SBC equipped with the DM&P Vortex86DX3 1GHz processor. This board brings modern amenities to legacy hardware, allowing for updated compatibility. The AMB-VDX3H2 has 512MB of onboard DDR3 memory allowing for increased speed and functionality

### SPECIFICATIONS

<b>CPU</b>	DM&P Vortex86DX3 1GHz
<b>Memory Type</b>	Onboard DDR3 512MB SDRAM
<b>Chipset</b>	Integrated in SoC
<b>Watchdog Timer</b>	Software programmable 0~255 sec. (0=disable)
<b>Video</b>	1x VGA
<b>LAN Ports</b>	1x RJ45 10/100 Mbps LAN
<b>Storage</b>	1x 44-pin IDE (See ordering options), 1x mSATA (See ordering options), 1x CF Card Slot
<b>GPIO Interface</b>	16-bit Digital I/O
<b>Extended Interface</b>	1x PC/104, 1x ISA Golden Finger
<b>Rear I/O</b>	1x VGA, 1x LAN, 1x RS-232, 1x PS/2
<b>Internal I/O</b>	1x RS-232/422/485, 4 x USB 2.0, 1x GPIO, 1x JST, 1x FPIO
<b>Power Requirement</b>	AT: 5V + 12V input

<b>Dimensions</b>	7.29" x 4.81" (185mmx 122mm)
<b>Operating Temperature</b>	0 ~ 60° C (32 ~ 140°F)
<b>Storage Temperature</b>	-20~ 80 °C (-4~ 176°F)
<b>Relative Humidity</b>	10~ 90% @40°C non-condensing
<b>OS Software Supported</b>	Windows XP, Windows Embedded CE 6.0, Windows 7 32-bit, DOS
<b>Global P/N / SKU</b>	3308932

## Ordering Options

AMB-VDX3H2A(SKU# 3308932A): Half Size ISA SBC with DM&P Vortex86DX3 and IDE AMB-VDX3H2A.  
(SKU# 3308932B): Half Size ISA SBC with DM&P Vortex86DX3 and mSATA