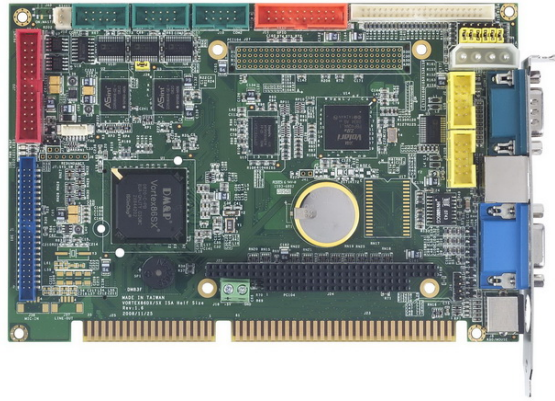


# SBC470 Vortex86SX-300 ISA SBC



## Specifications

<b>Soc</b>	DM&P Soc CPU Vortex86SX-300Mhz
<b>Cache</b>	L1:16K I-Cache, 16K D-Cache
<b>Bus</b>	PC/104 Standard compliant
<b>BIOS</b>	AMI Bios
<b>System Memory</b>	128MB DDR2 Onboard
<b>Watchdog Timer 0 &amp; 1</b>	Software programmable from 30.5u sec. to 512 sec. x 2 set ( Watchdog 1 fully compatible with M6117D
<b>VGA</b>	XGI Volari Z8s Chipset. VGA and TFT Flat Panel interface support. Onboard 32MB VGA Memory, Support resolutions up to 1280 x 1024, 16M Colors
<b>LAN</b>	Integrated 10/100Mbps Ethernet
<b>Flash Disk Support</b>	Onboard 2MB SPI Flash Disk . MSTI EmbedDisk Module (16MB and above)
<b>I/O Interface</b>	Enhanced IDE port x (1) RS232 port x (3) RS-232/422/485 port x (1) USB port (Ver2.0) x (4) Parallel port x (1) 16-bit GPIO port x (1) 10/100Mbps Ethernet port x (1)
<b>Connectors</b>	2.0mm 44-pin box header for LCD x 1 2.0mm 44-pin box header for IDE x 1 2.54mm 26-pin box header for Printer x 1 2.54mm 20-pin box header for 16-bit GPIO x 1 2.54mm 10-pin box header for RS232 x 3 2.54mm 10-pin box header for USB x 2 2.54mm 3 pin header for RS-485 x 1 2.54mm 4-pin header for -5V, -12V, GND, DC-in x 1 1.25mm 6-pin wafer for JTAG x 1 External 15-pin D-Sub femal connector for VGA x 1 External 9-pin D-Sub mal connector for RS232 x 1 External RJ-45 connector for Ethernet x 1 External Mini DIN connector for keyboard/Mouse x 1
<b>Power Requirement</b>	Single Voltage +5V @ 700mA
<b>Weight</b>	176g
<b>Board Size</b>	184 x 122mm (7.24x4.80 inches)
<b>Operating Temperature</b>	-20c ~ +70C

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