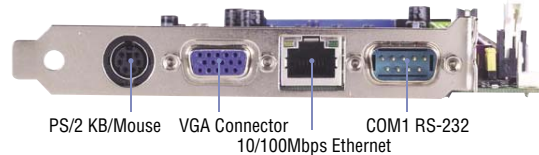


Unit: mm

## Specifications

<b>SoC</b>	DM&P(SiS) Vortex86™ System-on-Chip CPU-166MHz Real Time Clock with Lithium Battery Backup
<b>Bus</b>	PC/104 standard compliant
<b>BIOS</b>	AMI BIOS
<b>System Memory</b>	168-pin DIMM socket x1, up to 128MB SDRAM
<b>Watchdog Timer</b>	Software programmable from 4ms to 1hour
<b>VGA</b>	AGP Rev.2.0 compliant Shared system memory up to 64MB (Default 8 MB) Support resolution up to 1,280x1,024 true colors VGA and Mono/STN/DSTN/TFT Flat Panel interface support
<b>LAN</b>	Realtek 8100B 10/100Mbps Ethernet Controller Half/Full duplex capability
<b>Flash Disk Support</b>	MSTI EmbedDisk Module (16MB and above) PQI DiskOnModule (16MB and above) M-System DiskOnChip 2000 (16MB and above)
<b>I/O Interface</b>	Enhanced IDE port x1 FDD port x1 RS-232 port x1 RS-232/485 port x1 Parallel port x1 USB port x2 (Ver 1.1) 10/100Mbps Ethernet port x1
<b>Connectors</b>	168-pin DIMM socket for Memory Expansion x1 2.54mm 40-pin box header for IDE x1 2.0mm 44-pin box header for LCD connector x1 2.54mm 34-pin box header for FDD x1 32-pin DIP socket for DOC x1 2.54mm 26-pin box header for Printer x1 2.54mm 10-pin box header for RS-232 x1 2.54mm 10-pin box header for USB x1 2.54mm 5-pin box header for Keyboard x1 2.54mm 5-pin box header for Mouse x1 2.54mm 2-pin Header for RS-485 x1 External 15-pin D-Sub female connector for VGA x1 External 9-pin D-Sub male connector for RS-232 x1 External RJ-45 connector for Ethernet x1 External Mini DIN connector for Keyboard/Mouse x1

<b>Power Requirement</b>	Single Voltage +5V @870mA
<b>Weight</b>	225g
<b>Board Size</b>	184 X 122mm (7.24 x 4.80 inches)
<b>Operating Temperature</b>	-20°C ~ +70°C



## EB-205: Chassis for Vortex86-6042

Power Switch Power-in Connector



## Packing List

- Vortex86-6042 x1
- CD for User's Manual & Driver x1
- Cable
  - AT BUS x1
  - PRINT+F x1
  - RS-232 x1
  - USB (2.54) x1
  - YKB x1

## 15W Power Adapter



## Ordering information:

- Vortex86-6042** Vortex86 Half-Size CPU Module
- EB-205** Chassis of Vortex86-6042
- 64/128MB 168-pin DIMM**
- LCD-064/084/104-SET** 6.4"/8.4"/10.4" LCD Kit