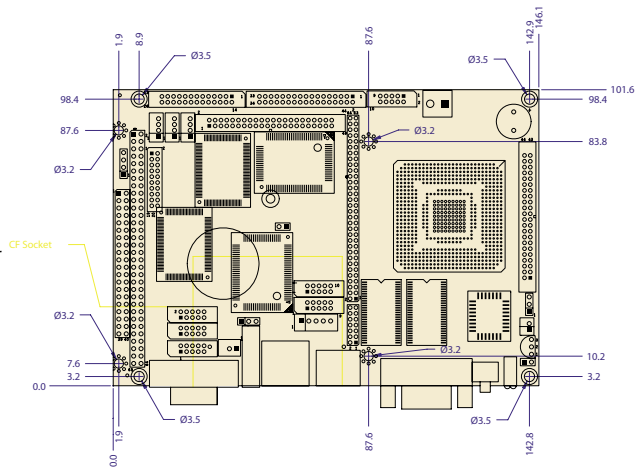
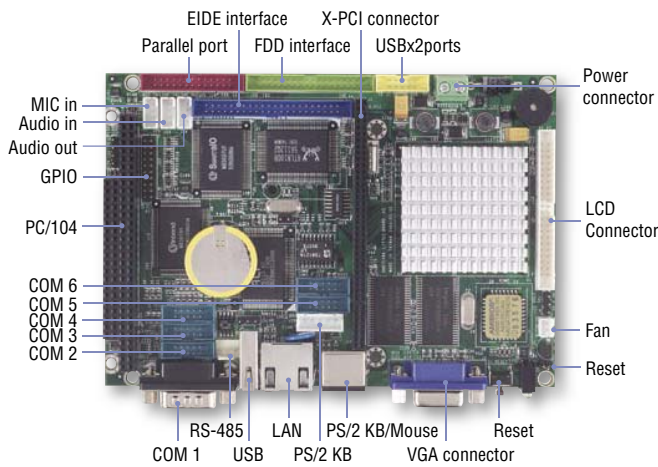


Vortex86-6047-6S

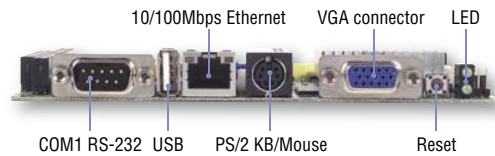
128MB/6S/3USB/VGA/LCD/GPIO/AUDIO/LAN/CF



Unit: mm

Specifications

SoC	DM&P(SiS) Vortex86™ System-on-Chip CPU-166MHz Real Time Clock with Lithium Battery Backup
Bus	PC/104 standard compliant 32-bit x-PCI interface, compatible with PCI Rev.2.2, PC PC 98/99
BIOS	AMI BIOS
System Memory	Onboard 128MB SDRAM
Watchdog Timer	Software programmable from 4ms to 1hour
VGA	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 STN/DSTN/TFT Flat Panel interface support
LAN	Realtek 8100B 10/100Mbps Ethernet Controller Half/Full duplex capability
Audio	Fully compliant with AC97 V2.1 Hardware DirectSound accelerator
Flash Disk Support	MSTI EmbedDisk Module (16MB and above) PQI DiskOnModule (16MB and above)
I/O Interface	Enhanced IDE port x1 FDD port x1 RS-232 port x5 RS-232/485 port x1 Parallel port x1 USB port x3 (Ver 1.1) 16-bit GPIO port x1 10/100Mbps Ethernet port x1
Connectors	2.0mm 44-pin box header for IDE x1 2.0mm 44-pin box header for LCD connector x1 2.0mm 34-pin box header for FDD x1 2.0mm 26-pin box header for Printer x1 2.0mm 10-pin box header for RS-232 x5 2.0mm 10-pin box header for USB x1 2.0mm 4-pin wafer for Line-in/Line-out/MIC-in x3 2.54mm 3-pin header for RS-485 x1 2.54mm 2-pin header for Reset x1 2.54mm 4-pin header for +12V, -12V, -5V DC-in 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 socket for Keyboard/Mouse x1 External USB connector for x1 Type I/II Compact Flash slot x1
Power Requirement	Single Voltage +5V@1.06A
Weight	195g
Board Size	102 X 144mm (4.01 x 5.67 inches)
Operating Temperature	-20°C ~ +70°C



Default Setting of IRQ Mapping

IRQ#	Description
IRQ0	System Timer
IRQ1	Keyboard Controller
IRQ2	Cascade for IRQ8 - 15
IRQ3	Serial Port 2
IRQ3	Serial Port 6
IRQ4	Serial Port 1
IRQ4	Serial Port 5
IRQ5	Unassigned
IRQ6	Floppy Disk Controller
IRQ7	Parallel Port 1
IRQ8	Real Time Clock
IRQ9	USB
IRQ9	Ethernet 10/100M LAN
IRQ10	Serial Port 3
IRQ11	Serial Port 4
IRQ12	PS/2 Mouse
IRQ13	Math Coprocessor
IRQ14	Hard Disk Controller
IRQ15	Unassigned

Packing List

- Vortex86-6047-6S x1
- CD for User's Manual & Driver x1
- Cable
 - HDD 44P (2.Q) x1
 - FDD (2.Q) x1
 - PRINT (2.Q) x1
 - RS-232 (2.Q) x5
 - USB (2.Q) x1
 - Audio Line x1
 - YKB x1

Ordering Information

- Vortex86-6047-6S** Vortex86 3.5" CPU Module
- LCD-064/084/104-SET** 6.4"/8.4"/10.4" LCD Kit
- VOX-064-TS** 8.4" Open Frame Panel PC/ with Touch Screen (optional)
- VOX-104-TS** 10.4" Open Frame Panel PC/ with Touch Screen (optional)