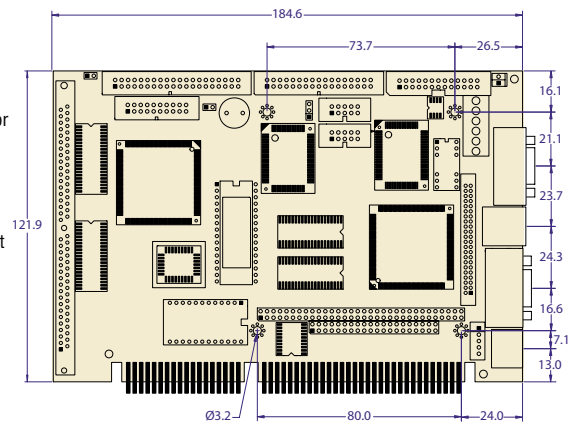
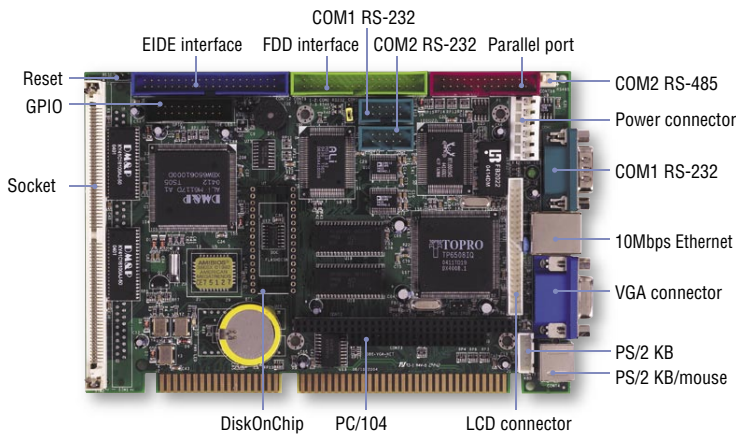


ICOP-6023VE

4MB/2S/VGA/LCD/LAN/GPIO/DOC

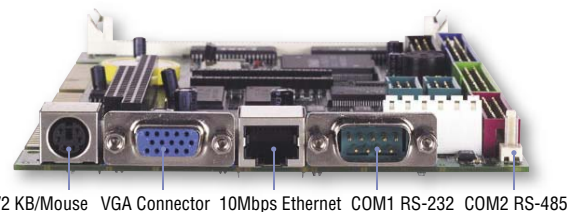


Unit: mm

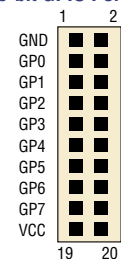
Specifications

SoC	DM&P(ALi) M6117D System-on-Chip CPU 386SX-40MHz Real Time Clock with Lithium Battery Backup
Bus	PC/104 standard compliant
BIOS	AMI BIOS
System Memory	Onboard 4MB EDO RAM, up to 20MB (optional)
Watchdog Timer	Software programmable from 30.5 us to 512 seconds
VGA	TOPRO TP6508IQ Chipset VGA and Mono/STN/DSTN/TFT Flat Panel interface support Onboard 1MB VGA Memory, support resolution up to 1024x768, 256 colors
LAN	Realtek 8019AS 16-bit ISA Full-Duplex Ethernet Controller NE2000 compatible with built-in 16KB RAM buffer Throughput 10Mbps
Flash Disk Support	MSTI EmbedDisk Module (16MB and above) PQI DiskOnModule (16MB and above) M-System DiskOnChip 2000 (16MB and above) Winbond DIP Package Flash W29C040 (512KB)
I/O Interface	Enhanced IDE port x1 FDD port x1 RS-232 port x1 RS-232/485 port x1 Parallel port x1 16-bit GPIO port x1 10Mbps Ethernet port x1
Connectors	72-pin socket for SIMM Module x1 2.54mm 40-pin box header for IDE x1 2.0mm 44-pin box header for LCD 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 20-pin box header for 16-bit GPIO x1 2.54mm 10-pin box header for RS-232 x2 6-pin P8 Power connector for Power Input 2.54mm 5-pin box header for Keyboard x1 2.54mm 2-pin header for RS-485 x1 2.54mm 2-pin header for Reset 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

Power Requirement	Single Voltage +5V @670mA
Weight	195g
Board Size	184 X 122mm (7.24 x 4.8 inches)
Operating Temperature	-20°C ~ +70°C



16-bit GPIO Port Support



Packing List

- ICOP-6023VE x1
- CD for User's Manual & Driver x1
- Cable
 - AT BUS x1
 - PRINT+F x1
 - RS-232 x2
 - YKB x1

Ordering information

- ICOP-6023VE** M6117D Half-Size CPU Module
- DM&P 4/16MB SIMM Module**
- LCD-064-SET** 6.4" LCD Kit

1
Mity/Tiny Module

2
PC/104 Module

3
3.5"/ATX Module

4
Half-Size Module

5
Peripheral Module

6
Accessories