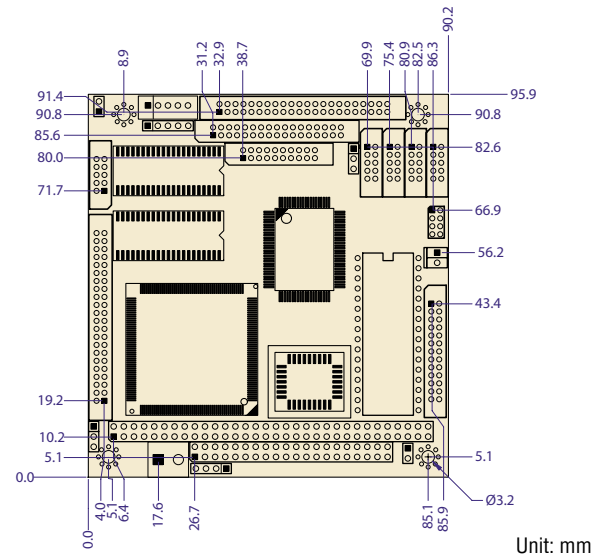
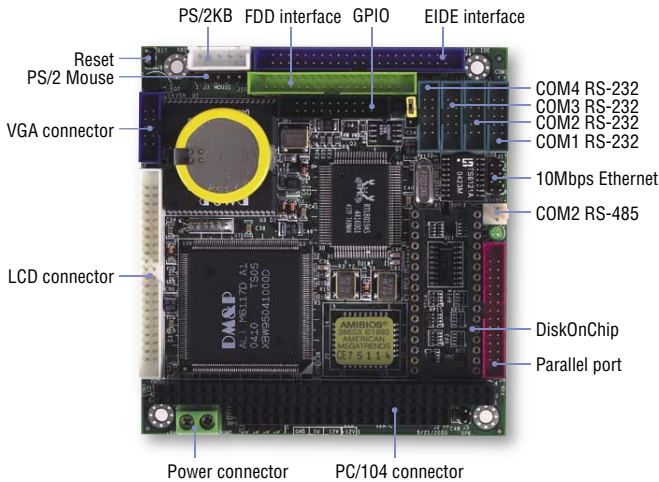


ICOP-6054VE

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

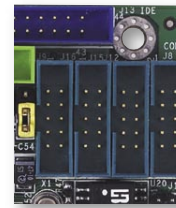


Specifications

| | |
|---------------------------|---|
| 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 |
| 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 x3 RS-232/485 port x1 Parallel port x1 16-bit GPIO port x1 10Mbps Ethernet port x1 |
| Connectors | 2.0mm 44-pin box header for IDE x1 2.0mm 44-pin box header for LCD x1 2.0mm 34-pin box header for FDD x1 32-pin DIP socket for DOC x1 2.0mm 26-pin box header for Printer x1 2.0mm 20-pin box header for 16-bit GPIO x1 2.0mm 10-pin box header for RS-232 x4 2.0mm 10-pin box header for VGA x1 2.0mm 8-pin header for Ethernet x1 2.54mm 5-pin box header for Keyboard x1 2.54mm 5-pin header for Mouse x1 2.54mm 4-pin header for +12V, -12V, -5V DC-in x1 2.54mm 2-pin header for RS-485 x1 2.54mm 2-pin header for Reset x1 |
| Power Requirement | Single Voltage +5V @710mA |
| Weight | 76g |
| Board Size | 90 X 96mm (3.54 x 3.77 inches) |

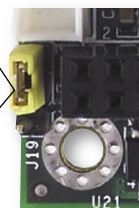
Operating Temperature -20°C ~ +70°C

4 Serial Ports Support



3.3V/5V LCD Voltage Selection

- 1
 - 2
 - 3
- 1-2 Close: 5V
2-3 Close: 3.3V



Packing List

- ICOP-6054VE 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) x4
 - VGA (2.Q) x1
 - NET 4x2 (2.Q) x1
 - GPIO (2.Q) x1
 - PS2 KB White x1
- Screw Kit x1

Ordering information:

- **ICOP-6054VE** M6117D PC/104 CPU 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