

Total Solution for Industrial, Rugged & Mil-Spec Computers and Peripherals

MRC-104C

Rugged Computer (Cylindrical)

FEATURES

- Modular, Cylindrical Construction
- Pentium Microprocessor Operating at 233 MHz.
- Memory to 64 Mbyte
- Complete Array of Rugged Peripherals
- Qualified for Airborne Applications

DESCRIPTION

MILPER's MRC 104C is a high performance, ruggedized computer designed specifically for Airborne & Military tactical applications.

The MRC-104C features 64 Mbyte of RAM and up to 2 GB, Removable Flash Disk Drive. Standard interfaces include Two Serial RS-232, one parallel One KB and one VGA. The modular construction of the MRC-104C allows for the attachment of a range of compatible peripherals, accessories and additional interfaces. The MRC-104C can run MS-DOS, SCO UNIX, QNX, WINDOWS or any other operating system designed for the PC.



The standard MRC-104C operates from 20 - 30 VDC power source. With dimensions of only 5" diameter (6.5" Flange) x 18" Long. the MRC-104C is ideally suited for embedded applications requiring to survive extremely tough environments.

PERFORMANCE UPGRADEABILITY

The MRC-104C allows an easy replacement or adding CPU or any PC-104 interface..

OPTIONS

- Up to 2 Gbyte Removable Flash Disk
- MIL-STD-1553 Interface
- ARINC 429 Interface
- FLASH Disk on Chip - Memory .
- Analog I/O
- Digital I/O

ENVIRONMENTAL CHARACTERISTICS

TEMPERATURE

Operating:	-30 - +70 °C
Intermittent:	-30 - +75 °C
Non Operating:	-40 - +85 °C

HUMIDITY

Operating/Storage	MIL-STD-810E Method 507.3 Proc. I 95% RH
-------------------	--

VIBRATIONS

Hard Mount:	MIL-STD-810E, Method 514.4, Category 5, Jet Aircraft.
-------------	---

SHOCK

Operating:	MIL-STD-810E, Method 516.4, Proc. I, -20g 11ms. Saw Tooth
------------	---

EXPLOSIVE

MIL-5400, Par. 3.2.2.4.10

EMI/RFI

MIL-STD-461, Class 3

DRIP PROOF

MIL-STD-810E

ALTITUDE

Operating:	40,000 ft.
Non Operating:	70,000 ft.

PHYSICAL CHARACTERISTICS

SIZE	5" Ø x 18 L
WEIGHT	5 Kg.
POWER	20 - 30 VDC

These specifications are subject to change without notice