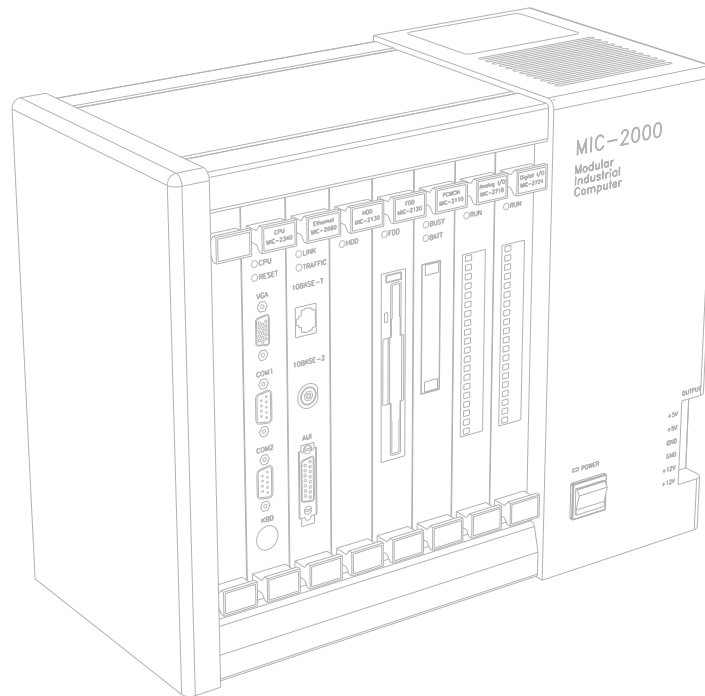


MIC-2000 Series

PC-based

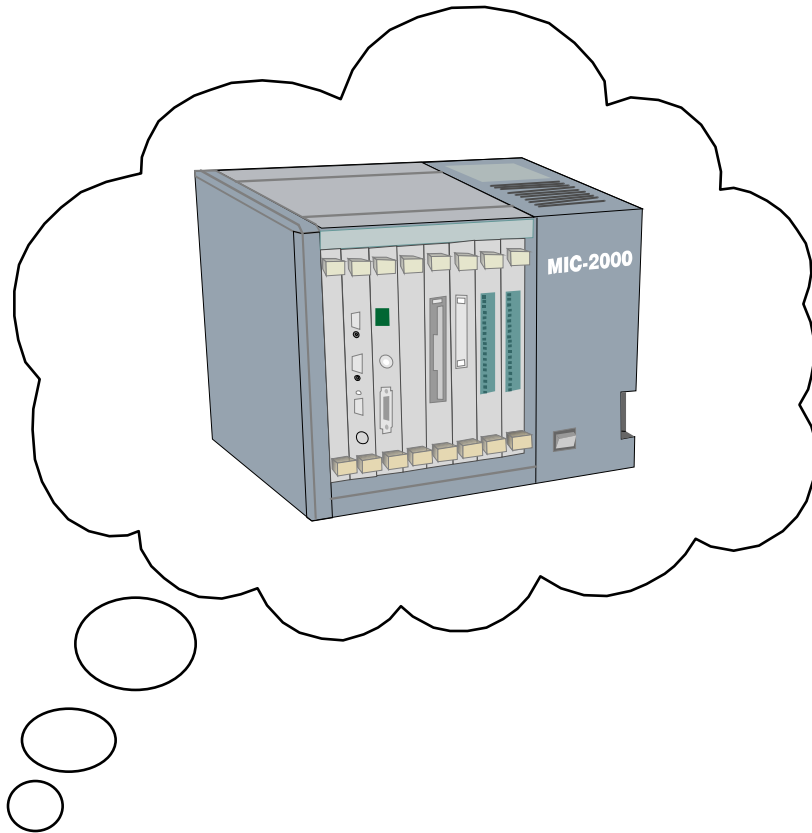
Modular Industrial Computer



ADVANTECH.

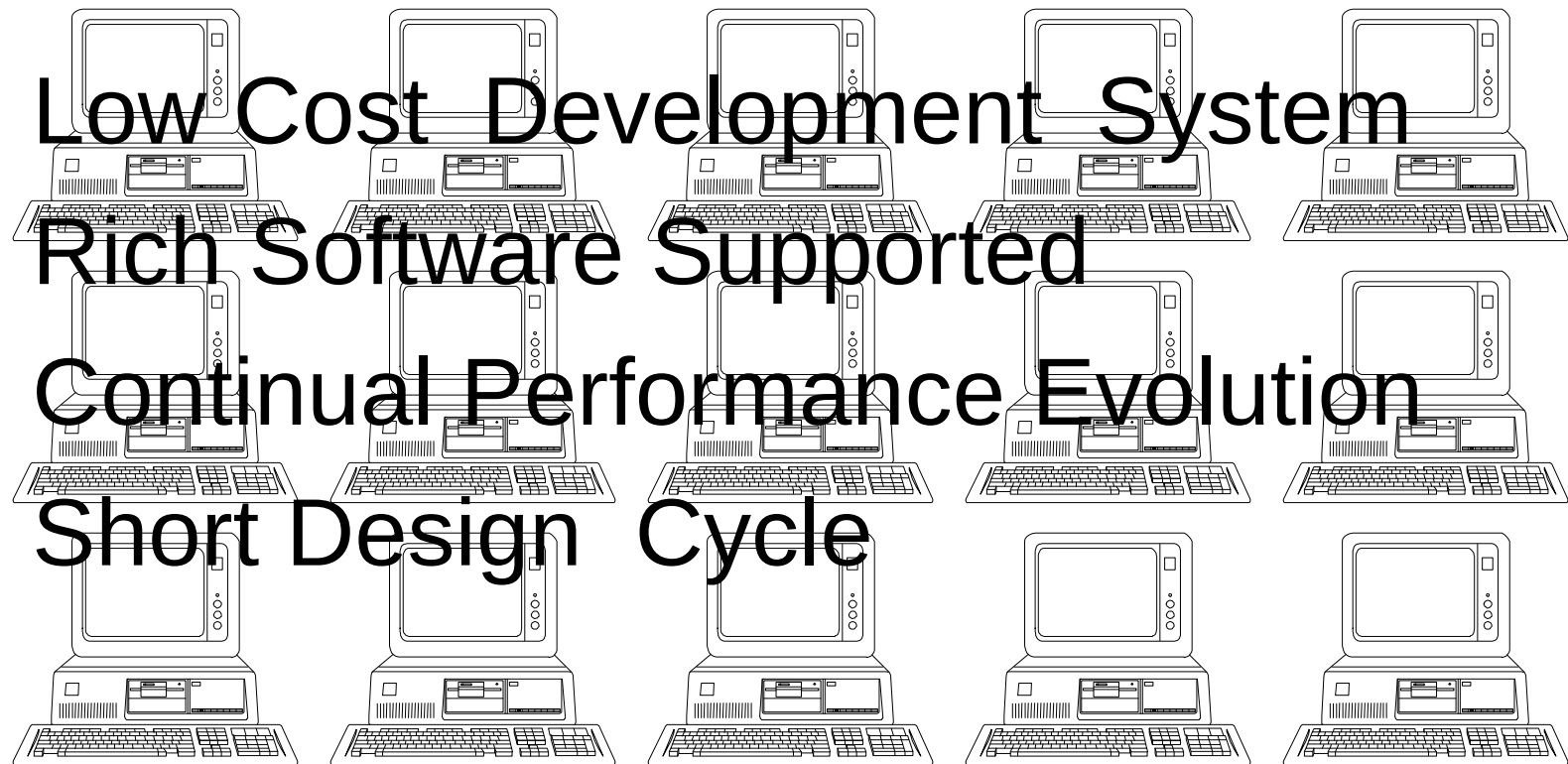
MIC 2000

Why Design MIC-2000 ?

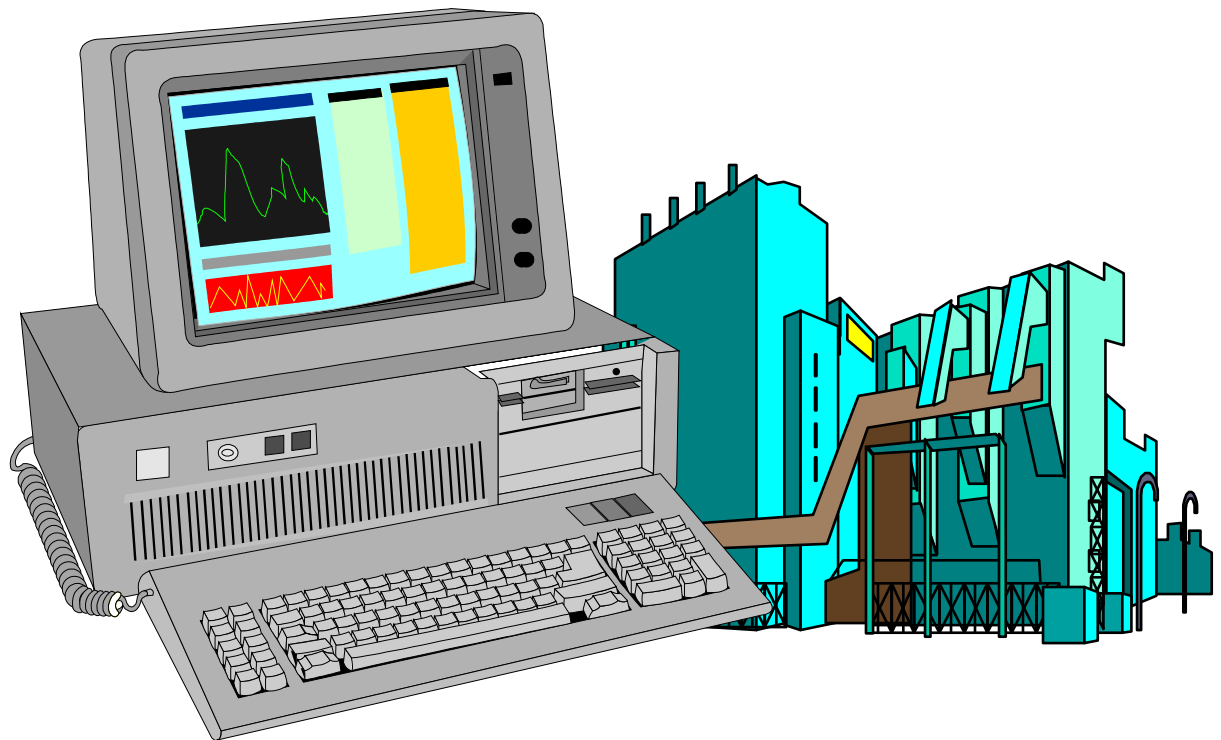


ADVANTECH.

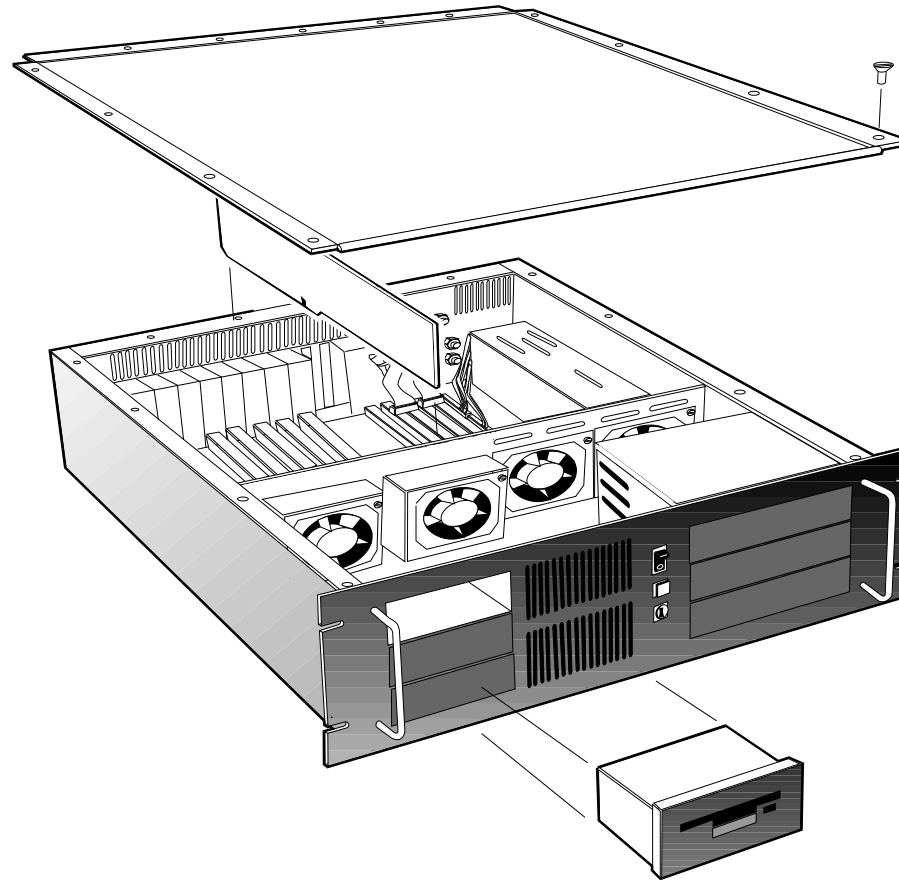
PC: Industrial Standard



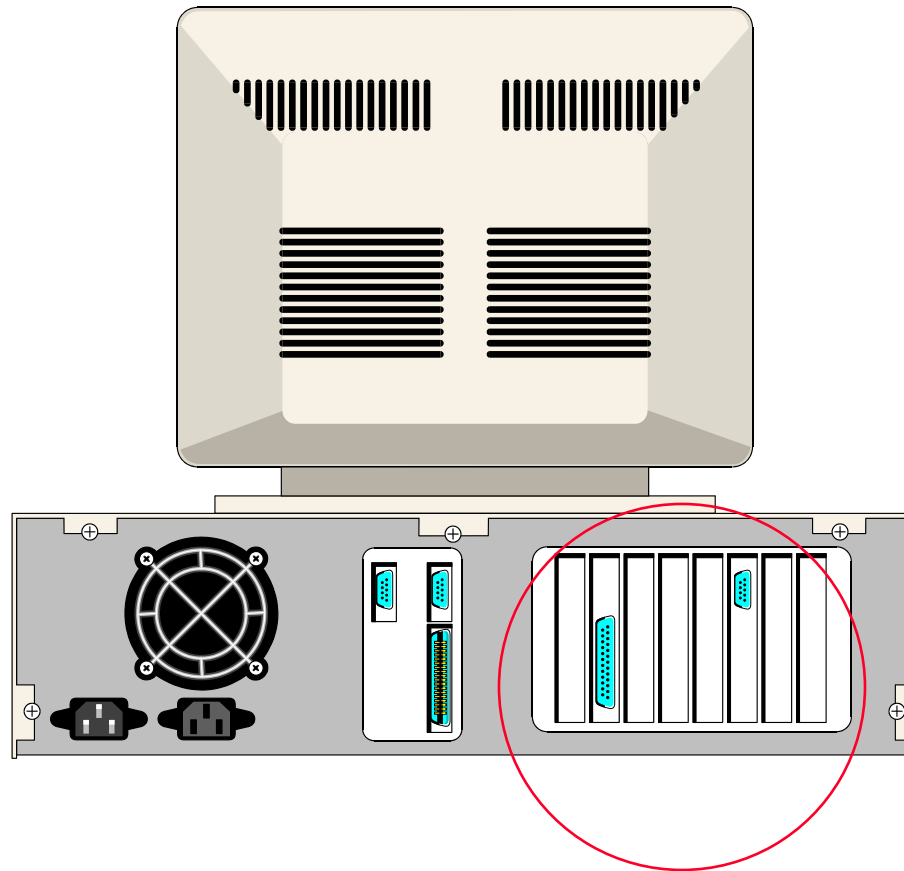
PC in Industrial Control Applications



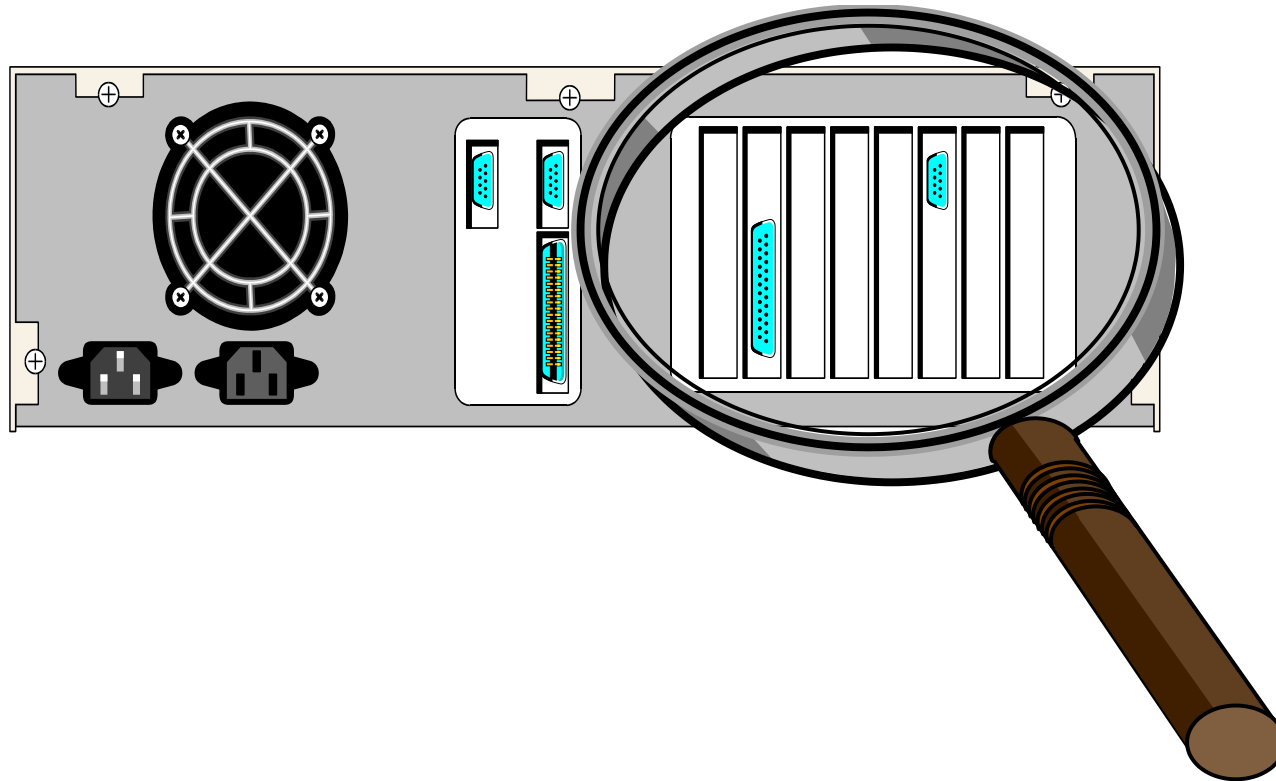
Motherboard Structure



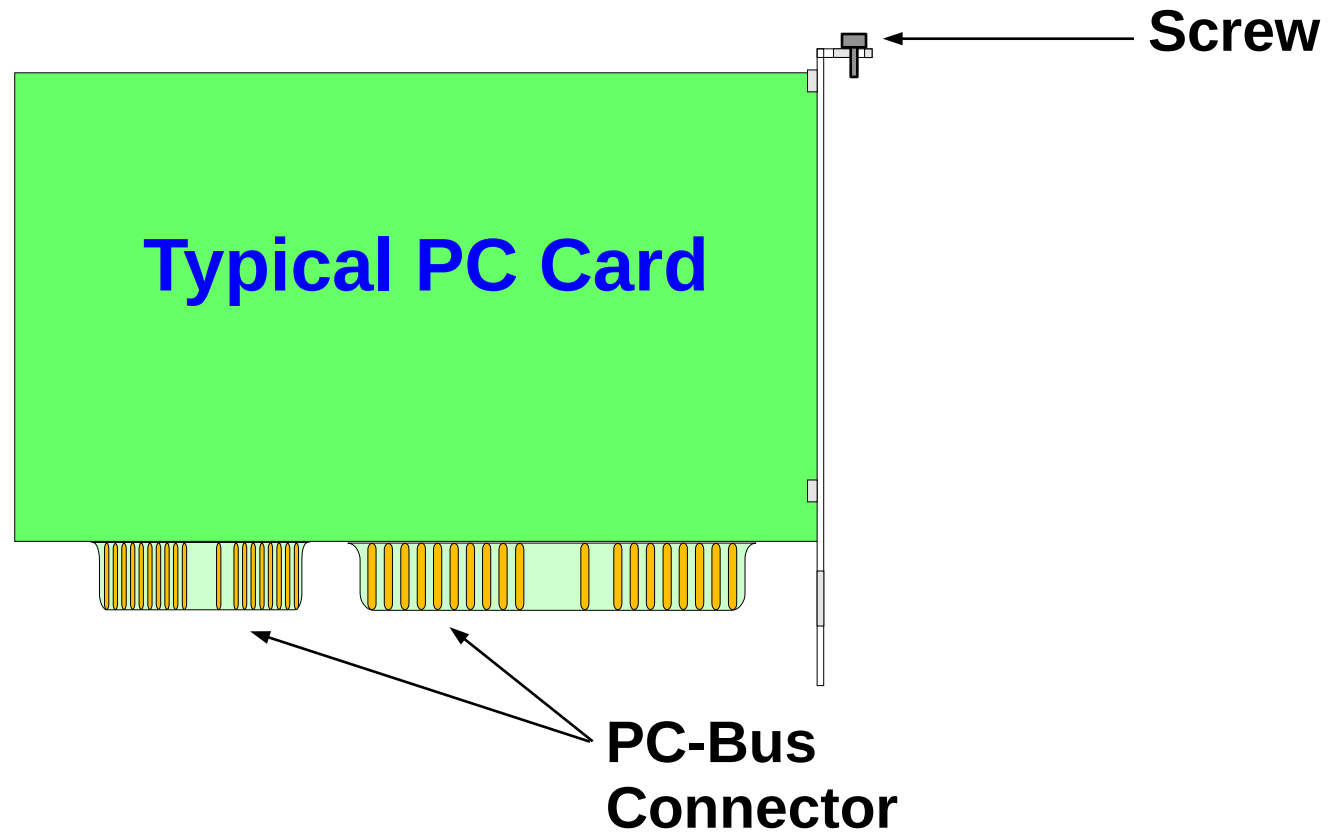
Rear Panel Wiring



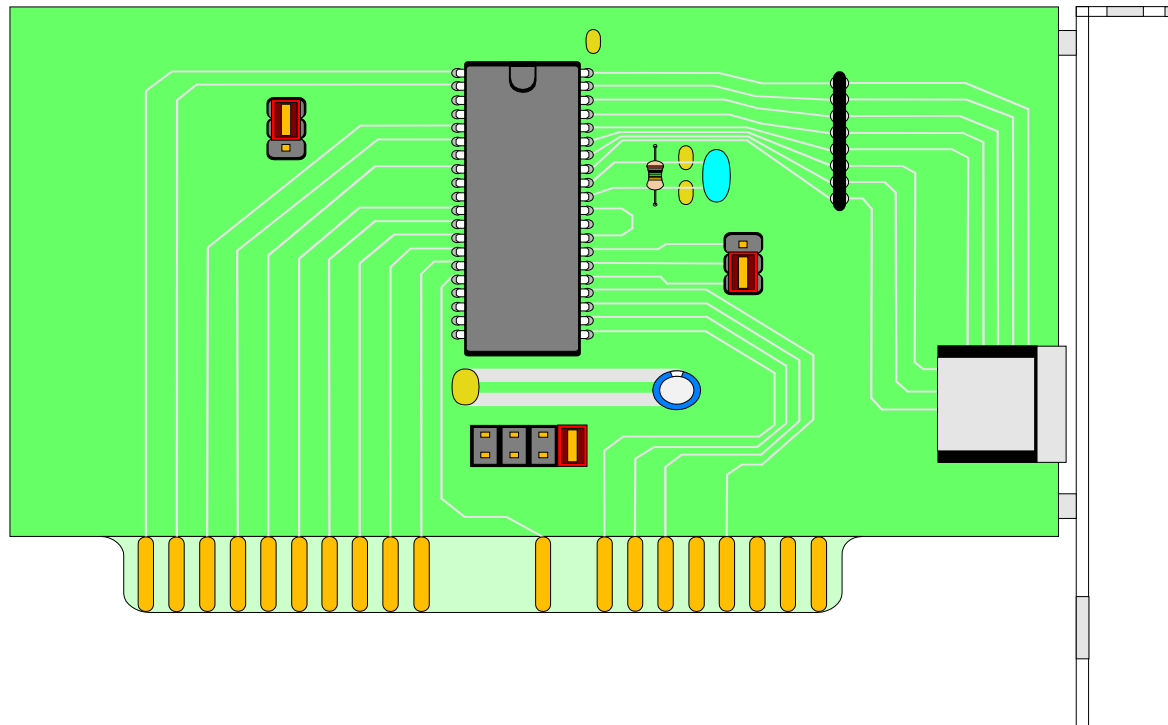
Limited Wiring Space



2-Point Mounting Scheme



Limited Layout Scheme

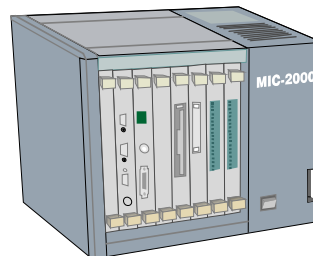


MIC 2000

Strategic Alliance



ADVANTECH®



MIRL



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MIC 2000

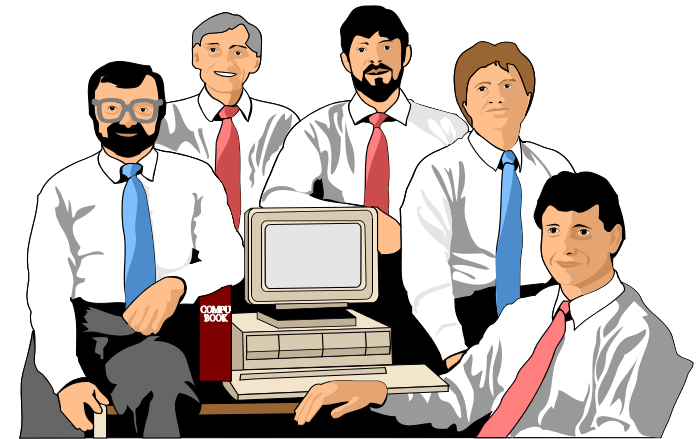
PC-Based CNC Controller



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Innovation of PC-based Industrial Computer

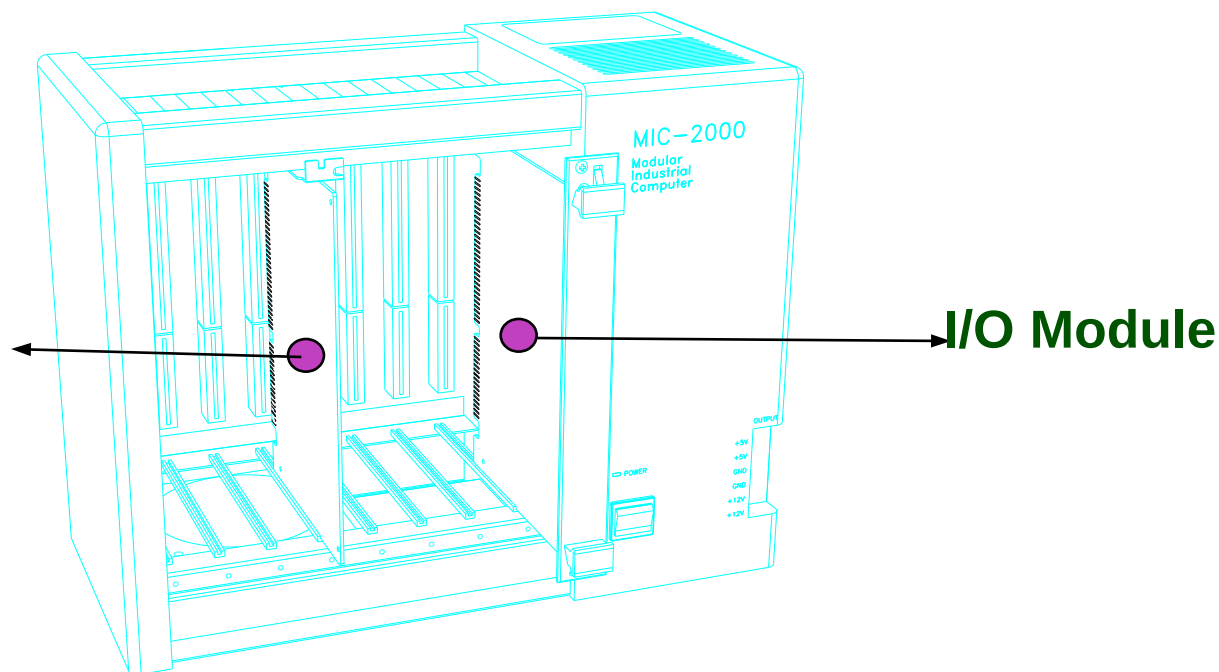
- Open ISA-Bus Architecture
- Flexible Modular Design
- Front Panel I/O Access
- Reliable and Easy Mounting
- Designed for Industrial Environment



Open ISA-Bus Architecture

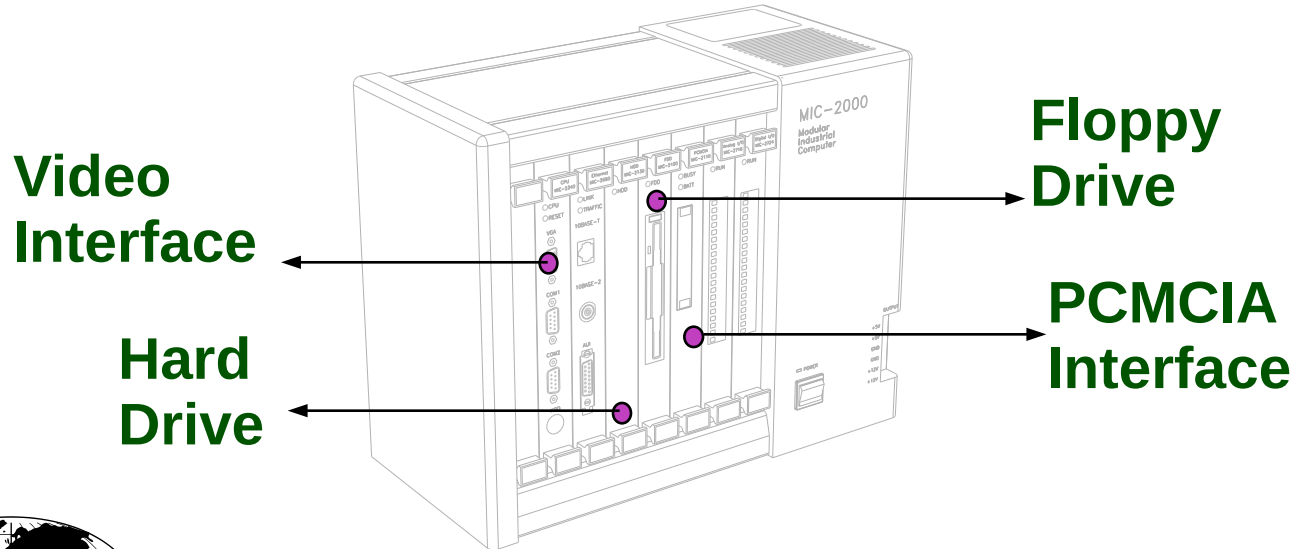
ISA-Bus Passive Backplane Technology
PC-Compatible Platform

General ISA-
Bus
Card
Acceptable



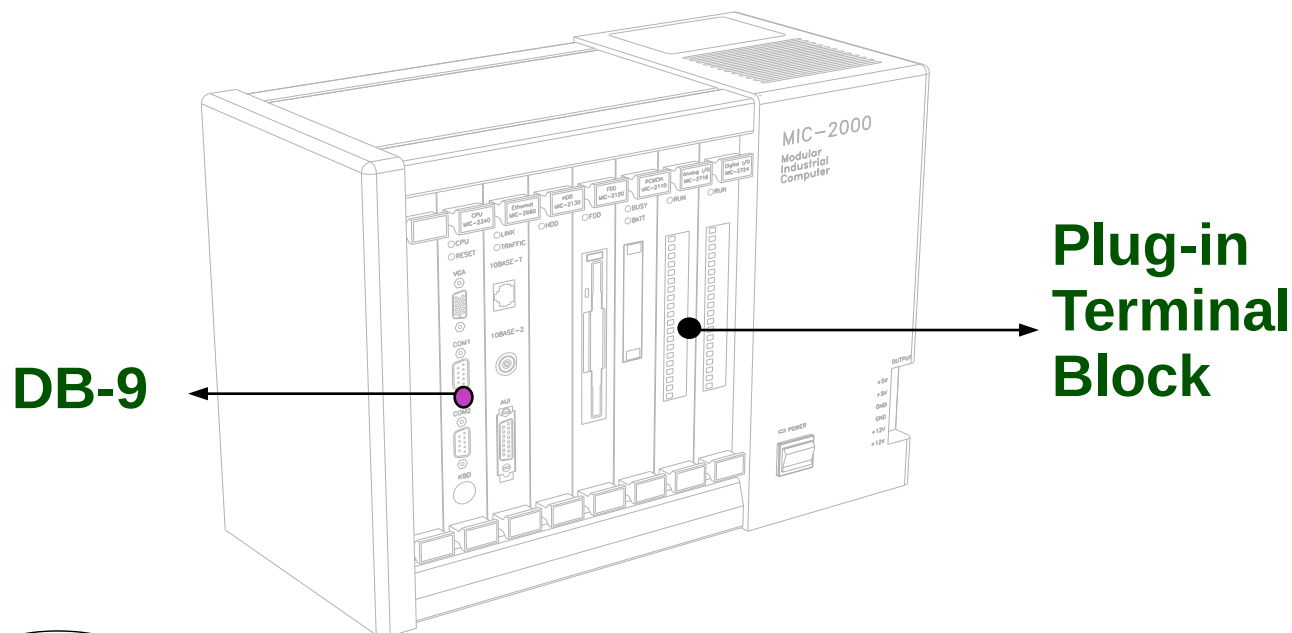
Flexible Modular Design

**Peripherals Easily Added to MIC System
via PCMCIA, PC/104 or ISA-Bus Backplane
Modular Design Shorten MTTR**



Front Panel I/O Access

PLC-like Wiring Scheme
Accept Field Wiring Directly



Reliable & Easy Mounting

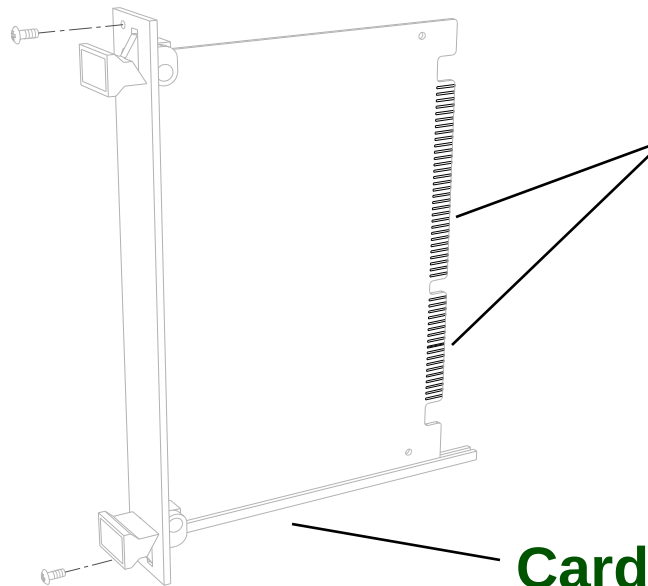
Extractor Handle Design for Easy Mounting 4-Point Mounting Scheme

Screw

PC-Bus
Connector

Screw

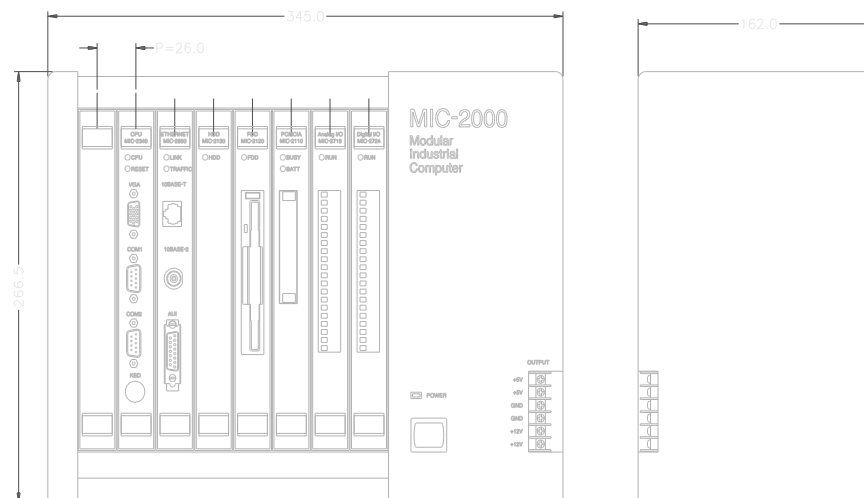
Card Guide



ADVANTECH.

Specially Designed for Industrial Environment

Compact Size for Embedded Applications
Mounts Easily on Panel or 19 inch Rack
High Reliability

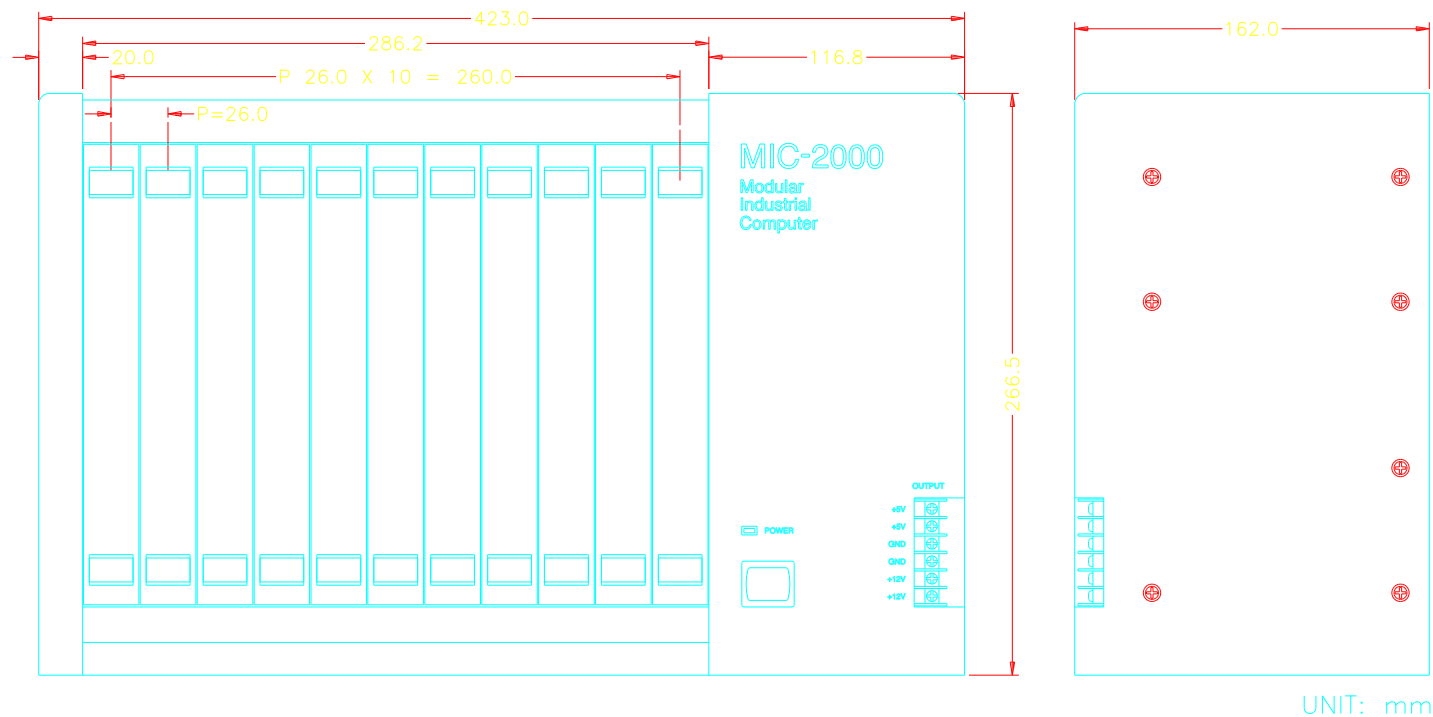


Unit: mm



MIC 2000

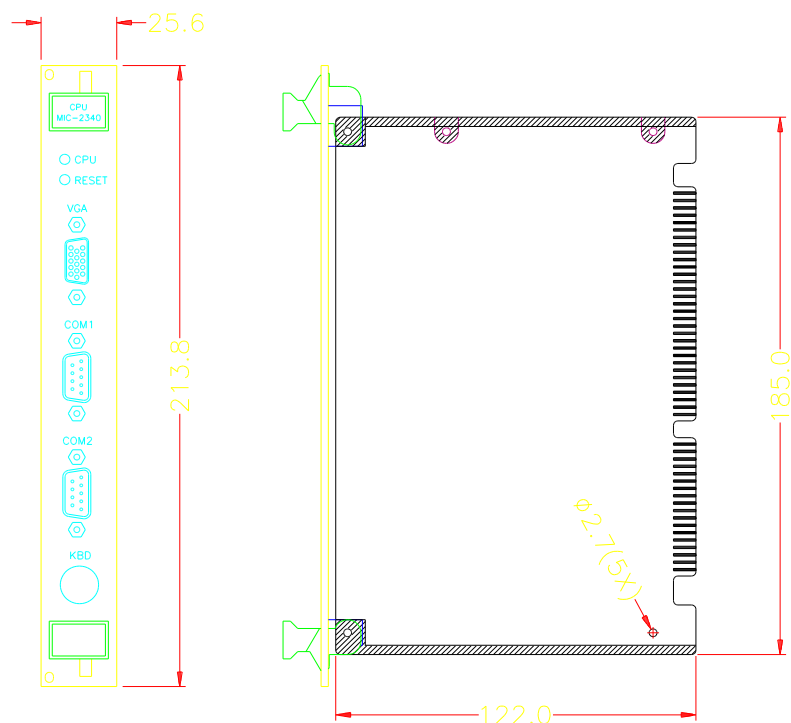
Rackmount MIC System



Module Dimensions

Compact AT-bus Board Size

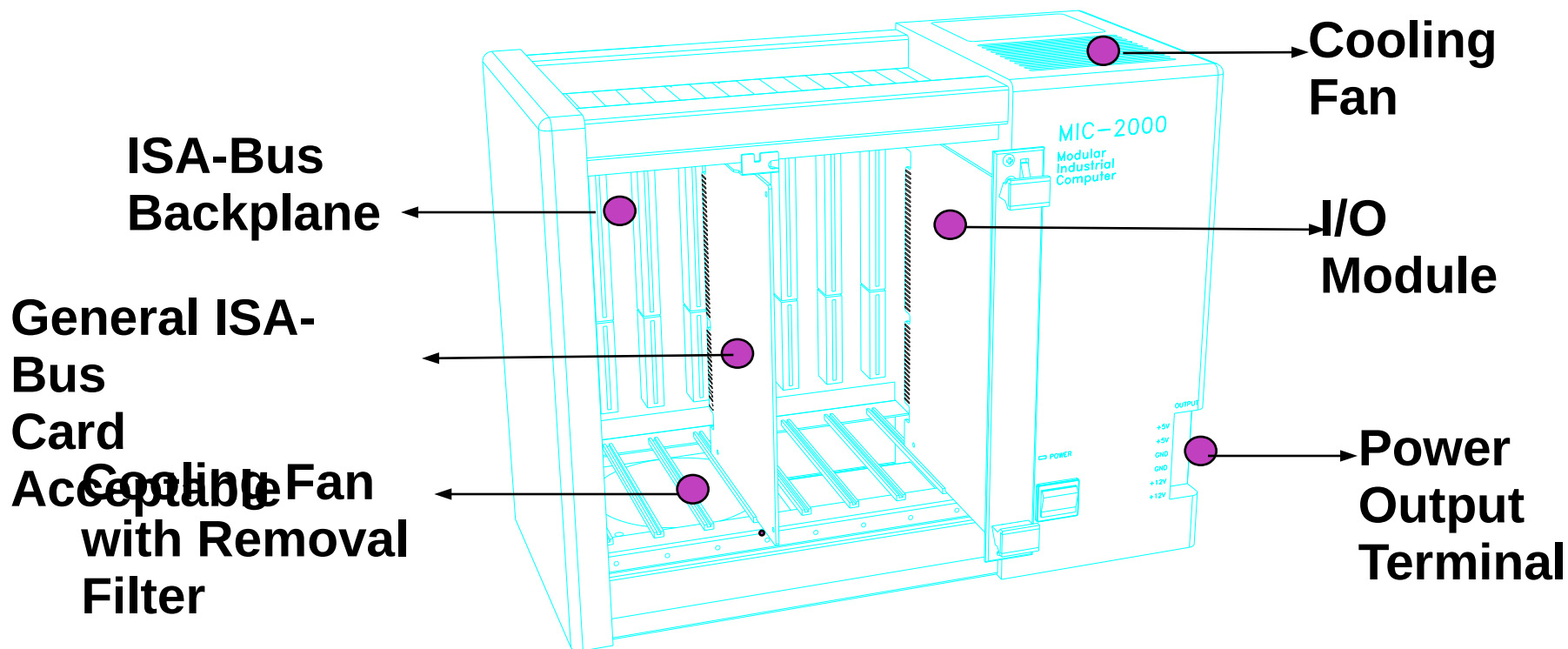
Board Size: 185x122 mm (7.3x4.8 inch)”)



Unit: mm

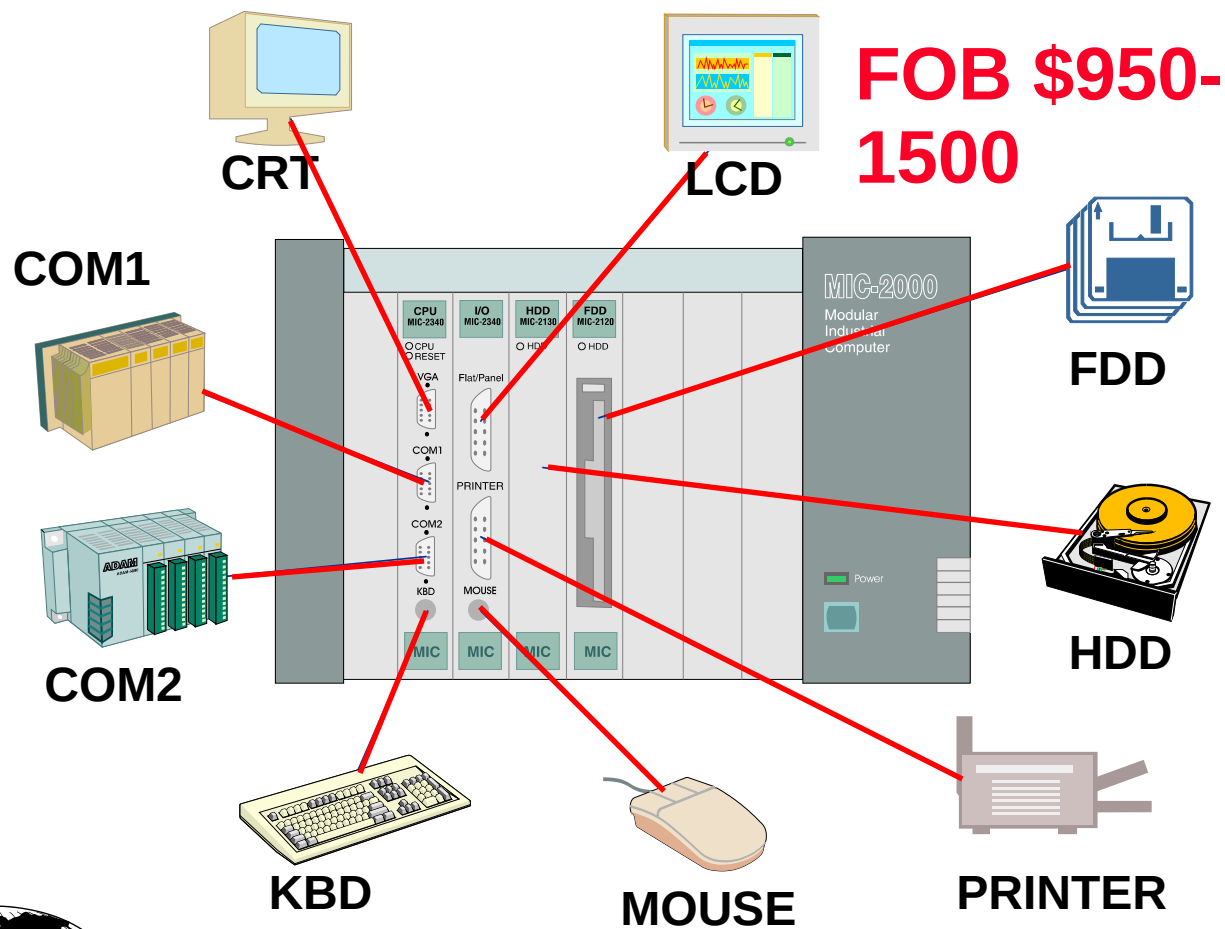


Mechanical Structure



MIC 2000

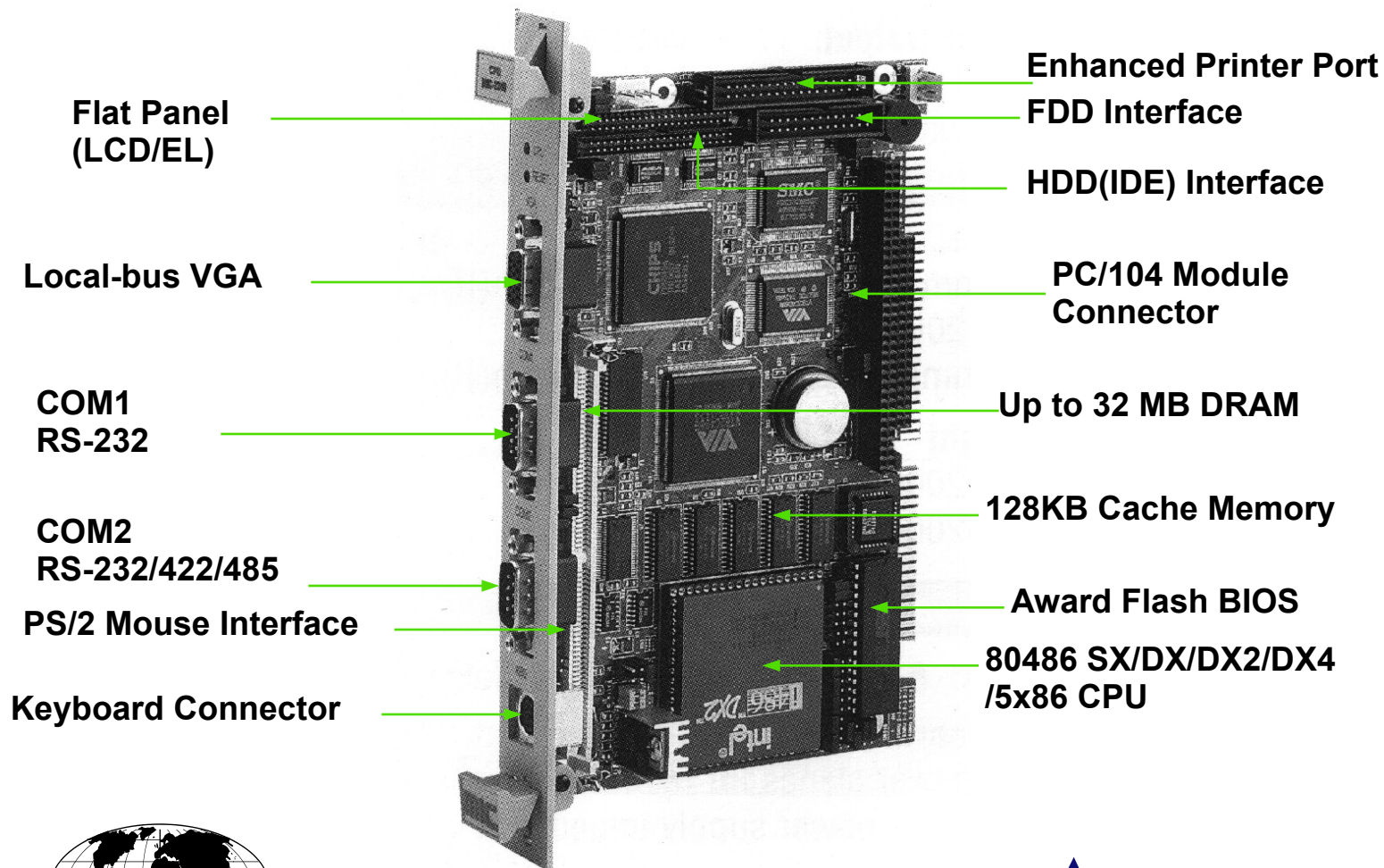
Complete PC Function



ADVANTECH.

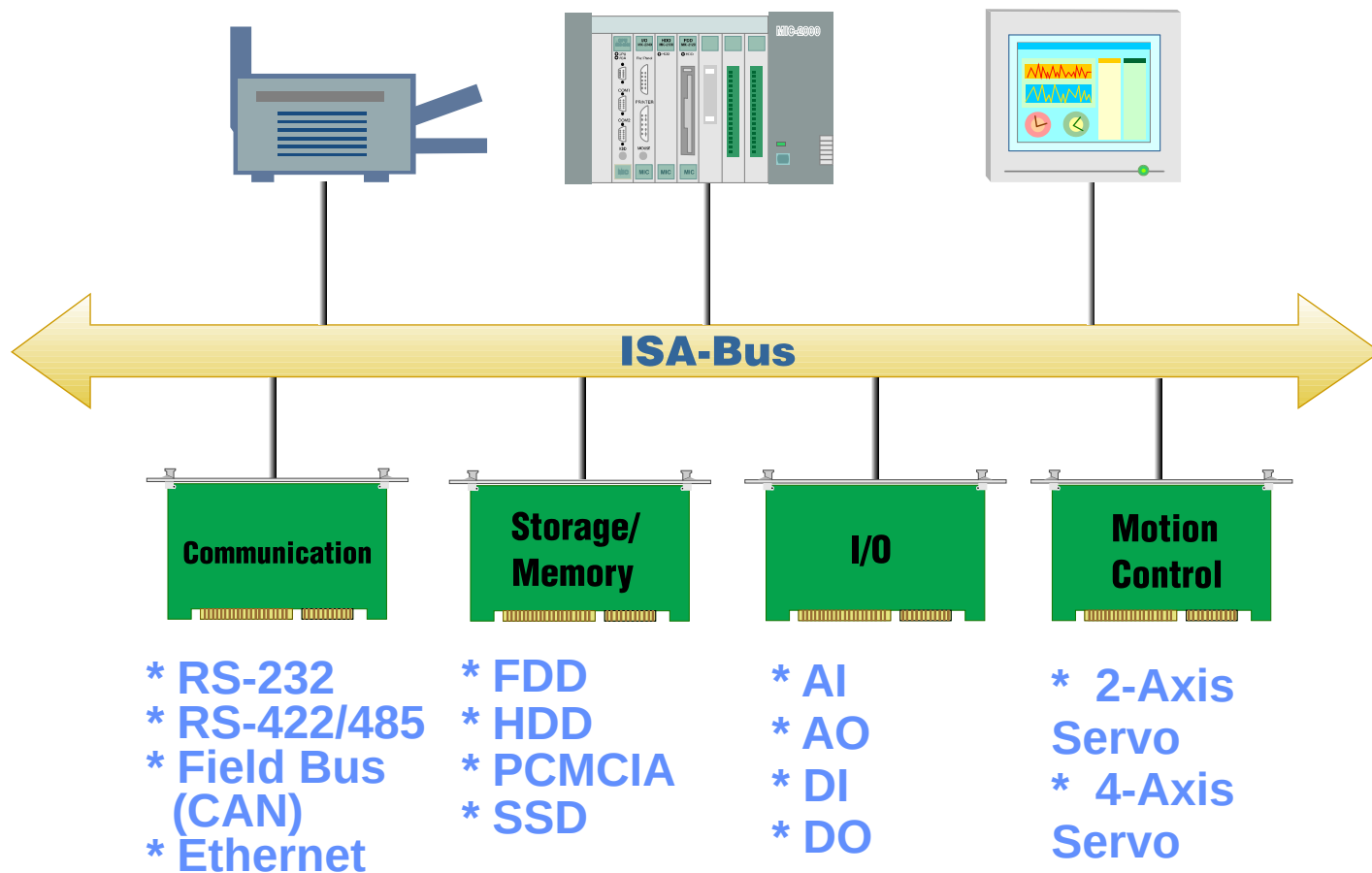
**MIC-2000
Series**

MIC-2340 All-in-One 486-based Processor Module



ADVANTECH.

Complete Industrial I/O Solution



Modules Selection Guide

- * FDD (MIC-2120)
- * HDD (MIC-2130)
- * PCMCIA (MIC-2110)
- * SSD (MIC-2810)

Storage/
Memory

- * AI (MIC-2718)
- * AO (MIC-2728)
- * DI (MIC-2730/32)
- * DO (MIC-2750/52)

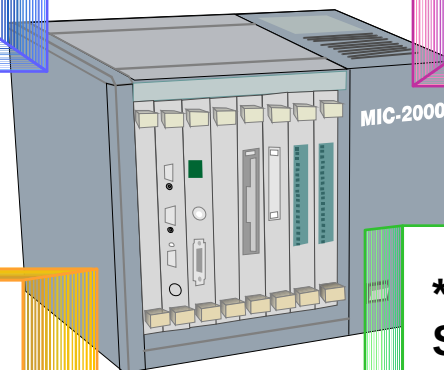
DA&C

- * RS-422/485 (MIC-2610)
- * CAN (MIC-2630)
- * Ethernet (MIC-2660)

Communication

- * 2-Axis Servo (MIC-2220)
- * 4-Axis Servo (MIC-2240)

Motion
Control

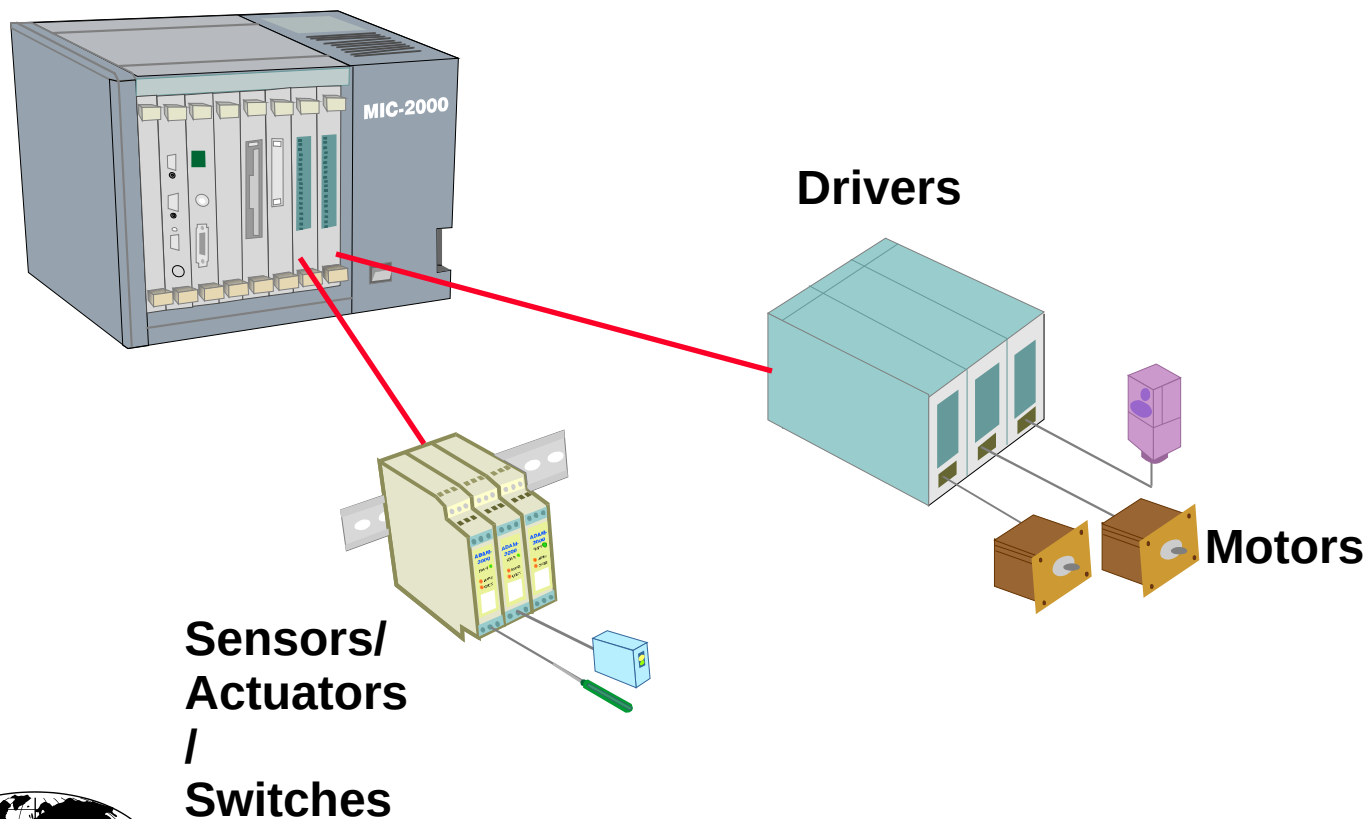


Typical Applications

- vSupervisory Control and Data Acquisition**
- vEmbedded Machine Control**
- vMotion Control and Robotics**
- vData Communication Processors**
- vAutomatic Test and Navigation Systems**
- vMilitary Ground Support Systems**
- vExperiment System for Research**

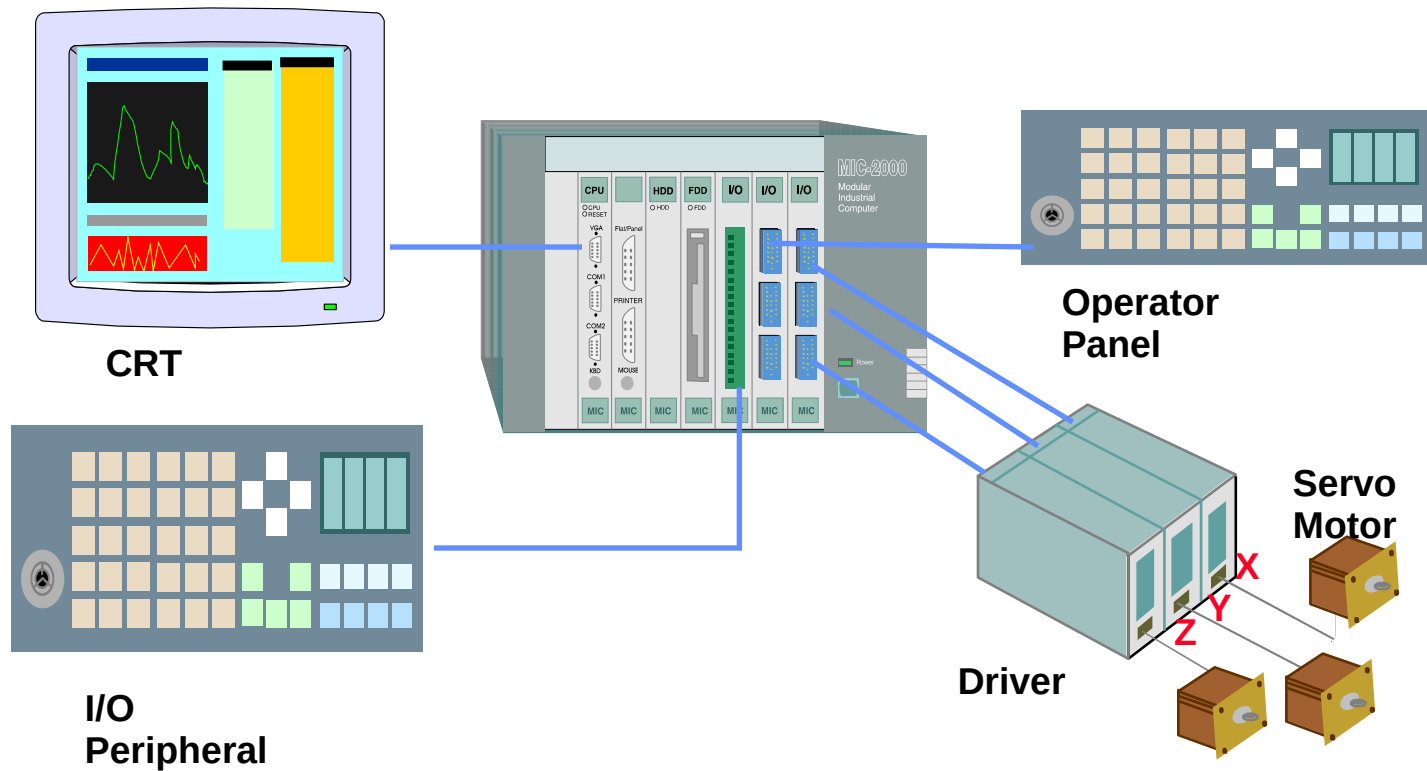


Typical Embedded Machine Control



MIC 2000

CNC Turning Machine



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