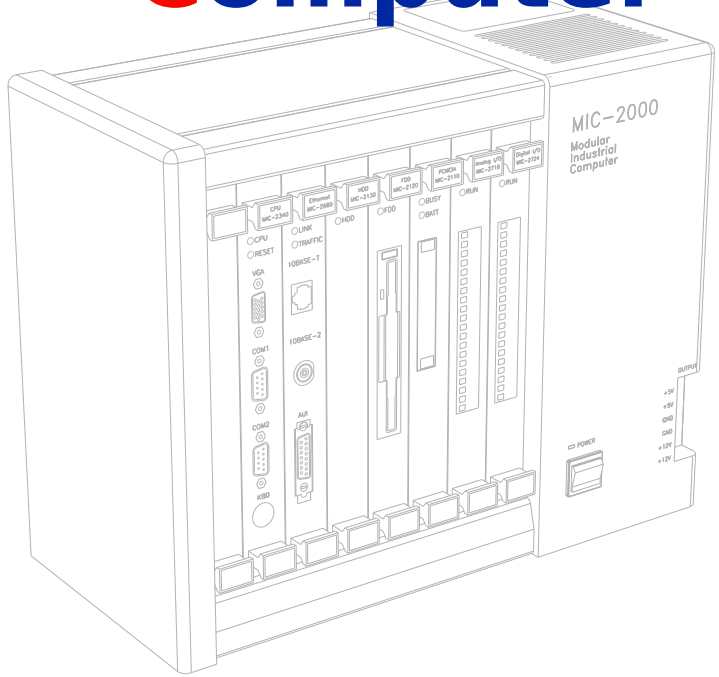
MIC-2000 Series

PC-based Modular Industrial Computer



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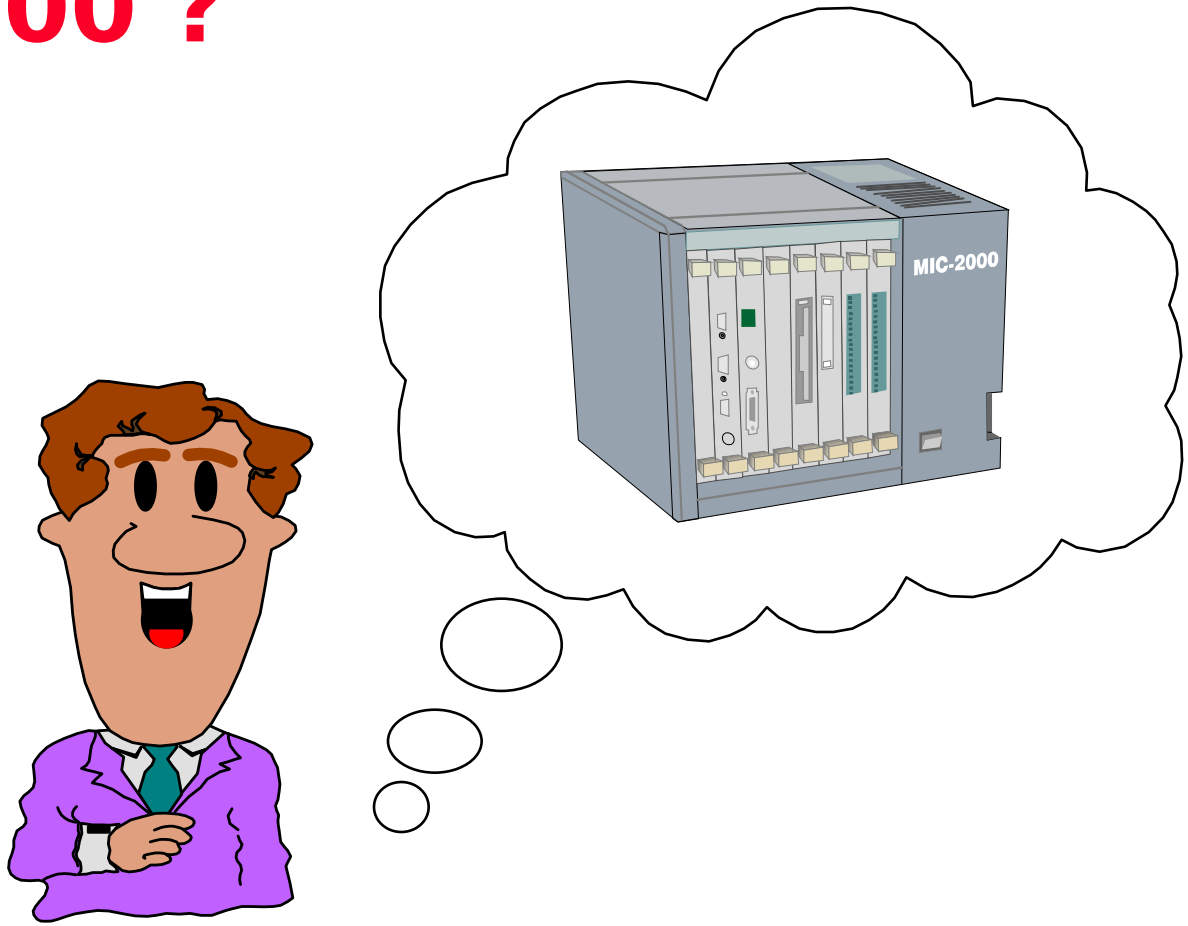
MIC 2000

Why Design MIC-2000 ?



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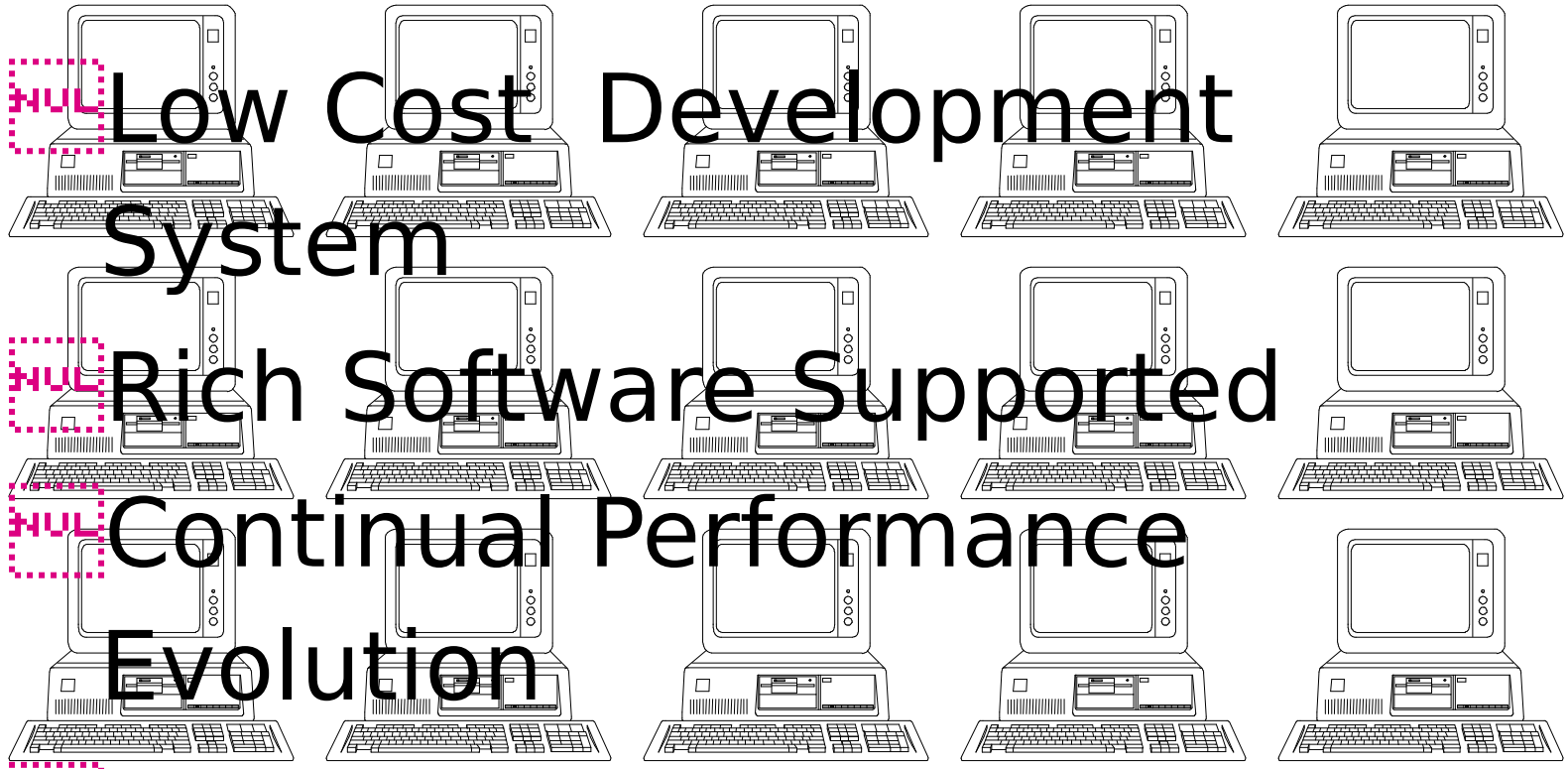
PC: Industrial Standard



- Low Cost Development System
- Rich Software Supported
- Continual Performance Evolution
- Short Design Cycle

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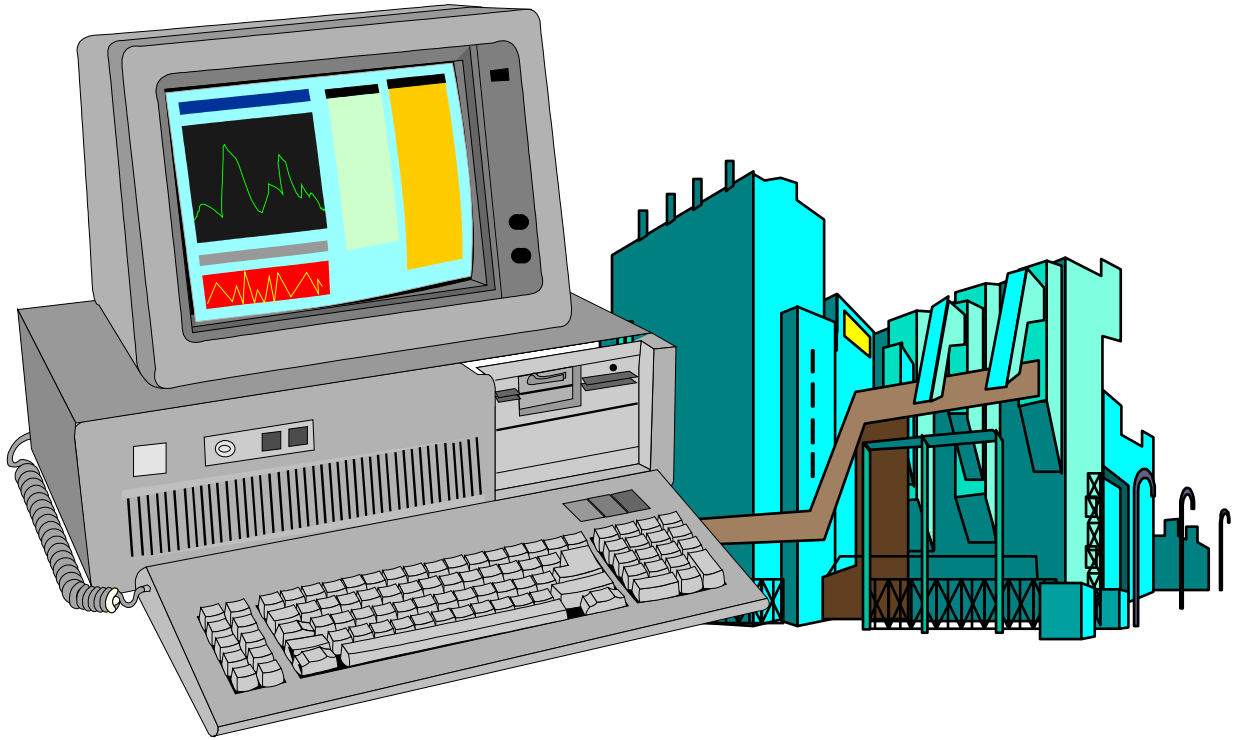
PC in Industrial Control Applications



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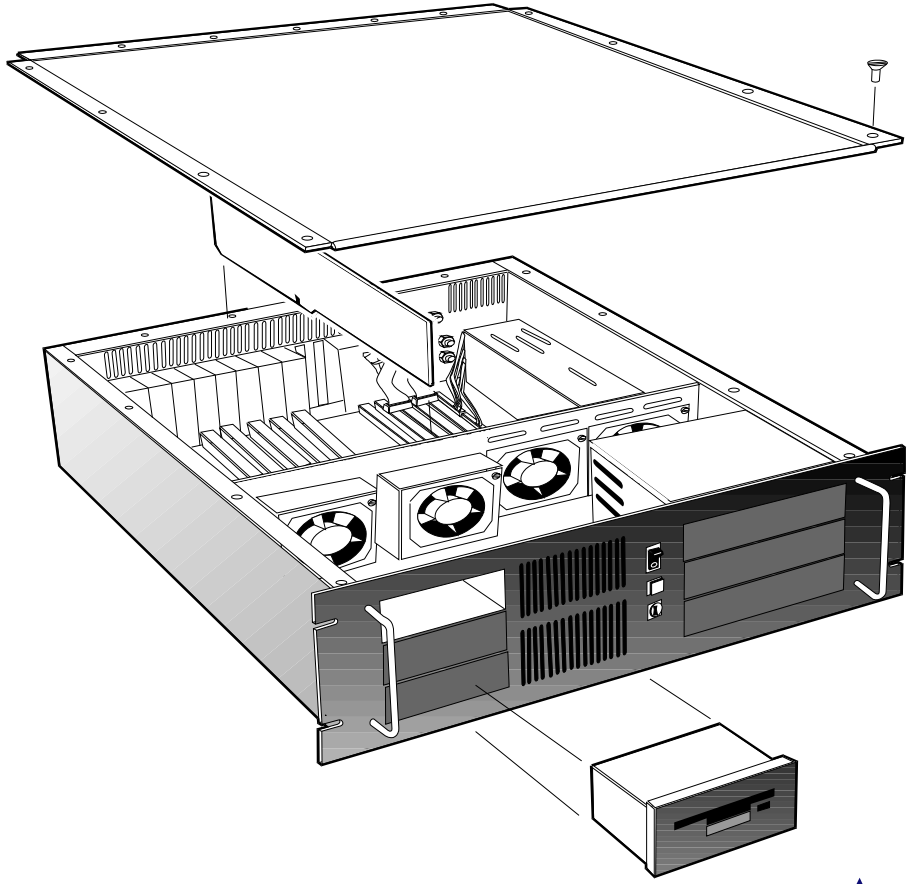
Motherboard Structure



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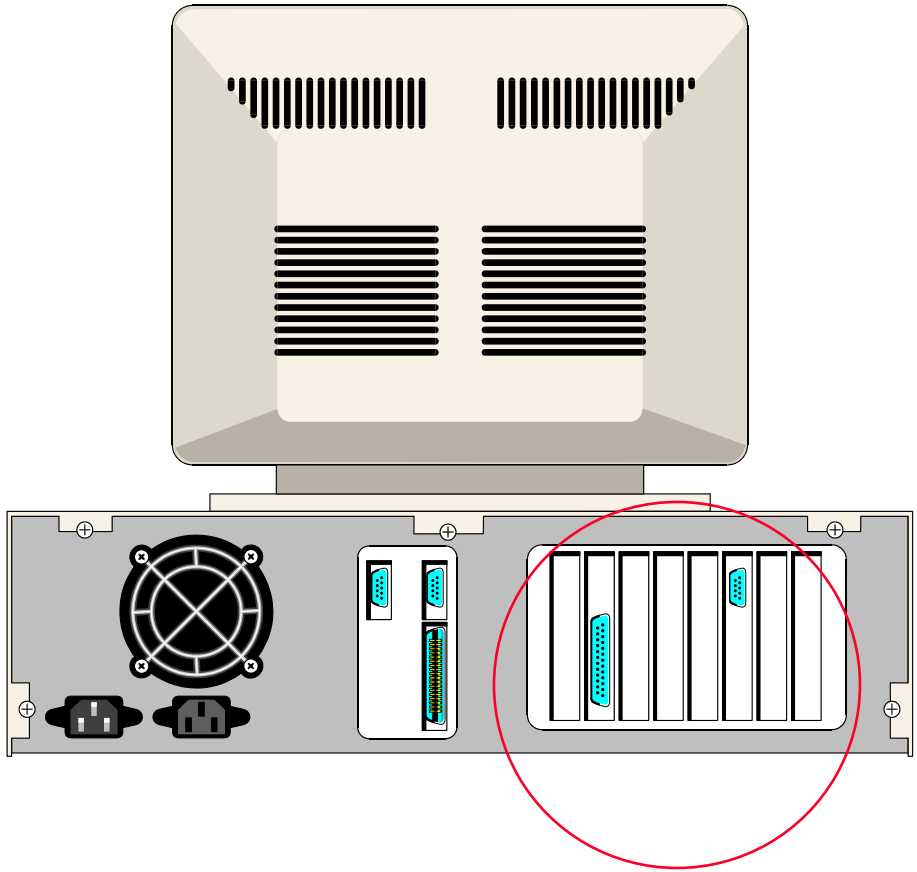
Rear Panel Wiring



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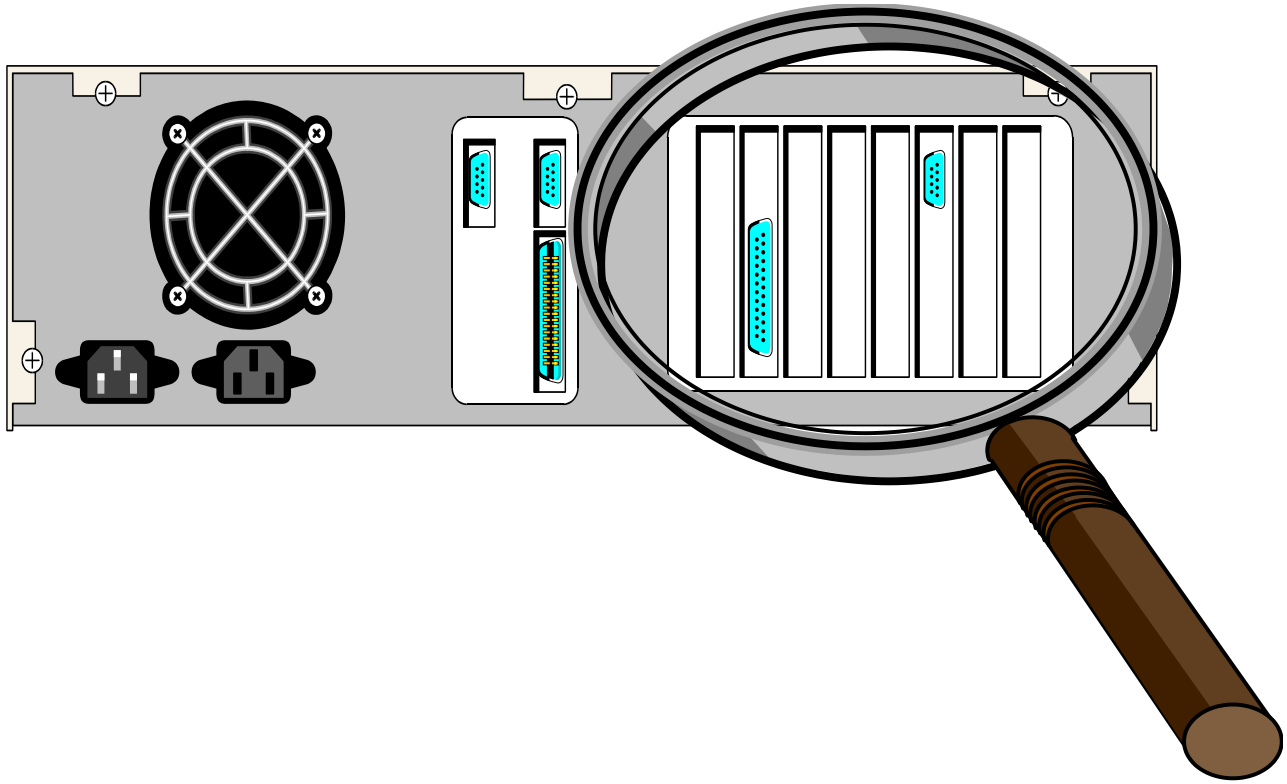
Limited Wiring Space



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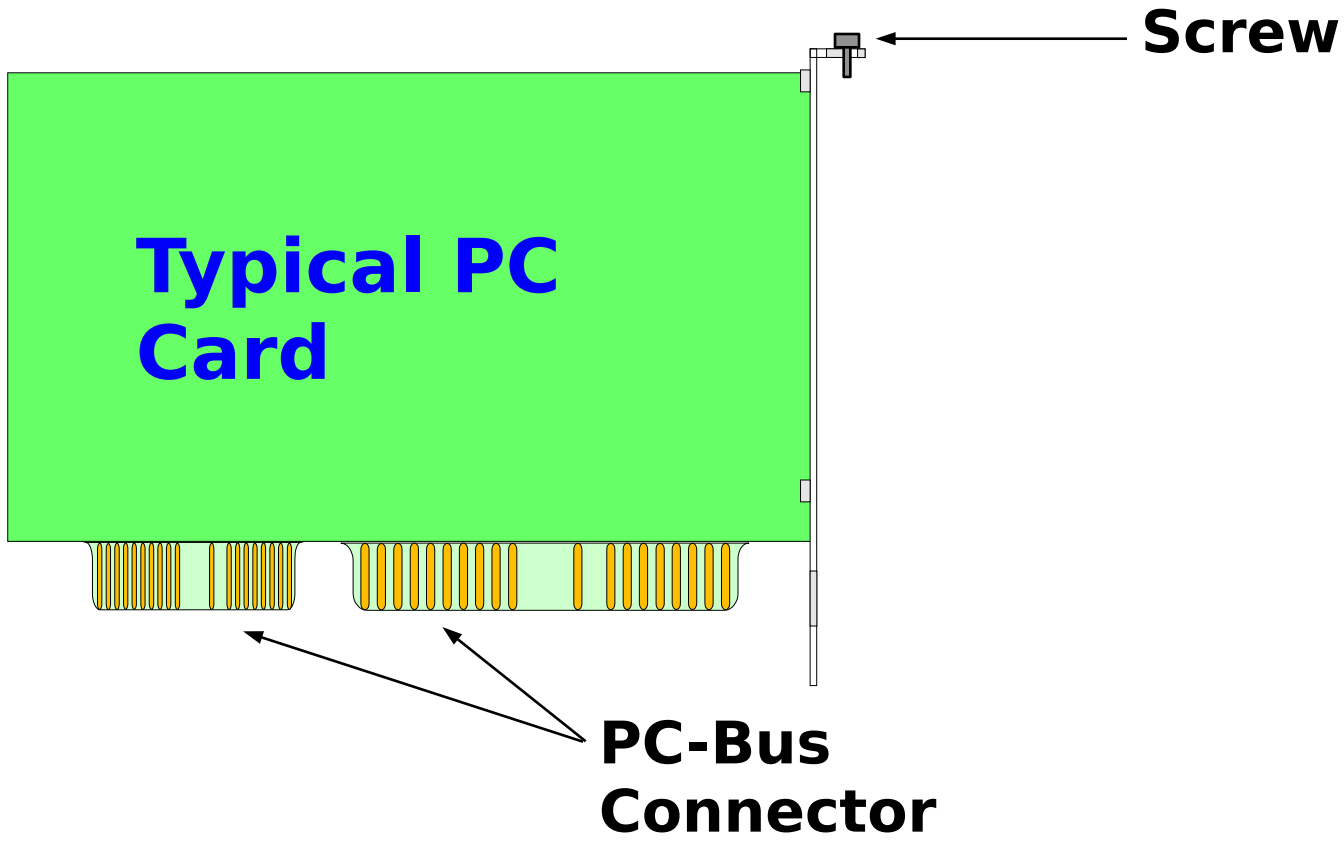
2-Point Mounting Scheme



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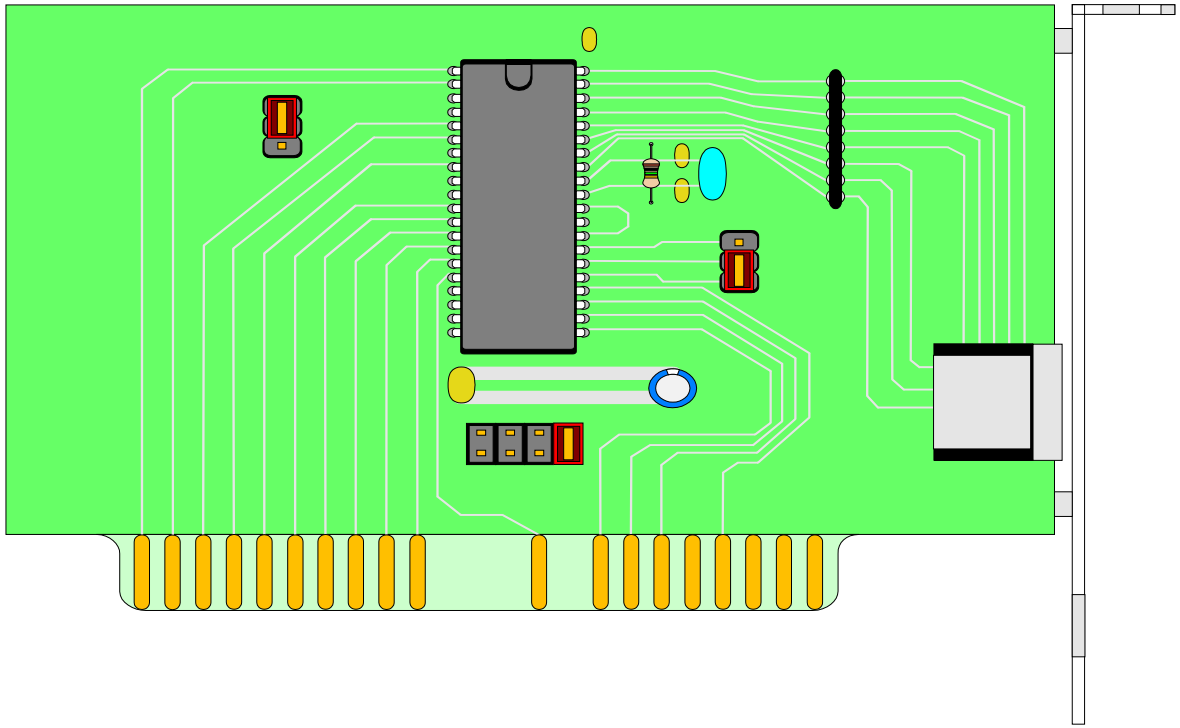
Limited Layout Scheme



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Strategic Alliance

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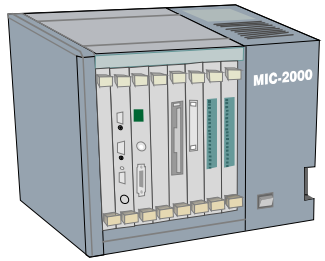

MIRL

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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

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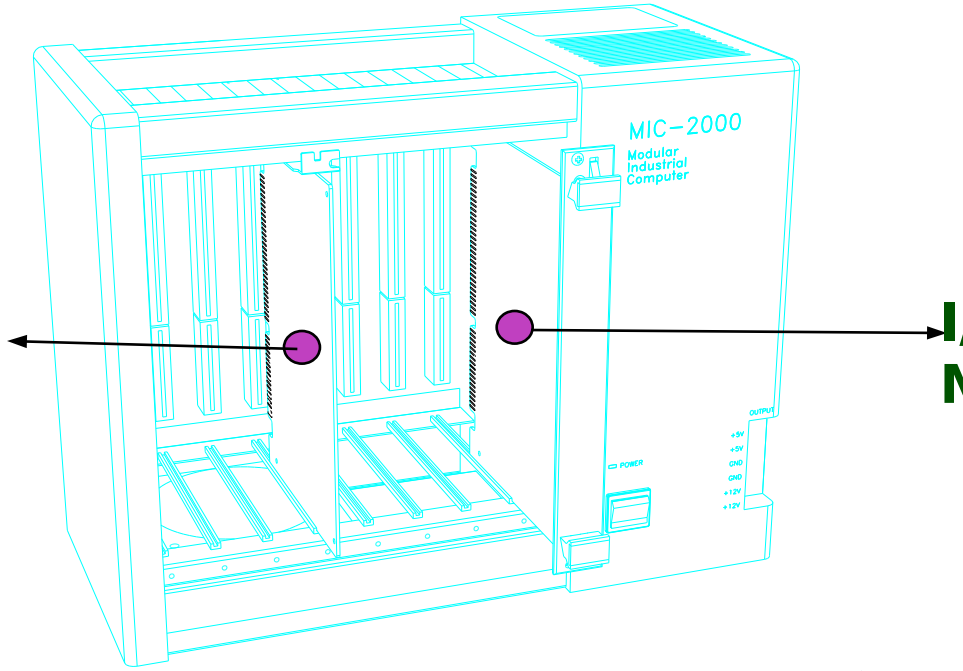
Open ISA-Bus Architecture

- ISA-Bus Passive Backplane Technology
- PC-Compatible Platform

General ISA-Bus Card Acceptable



I/O Module

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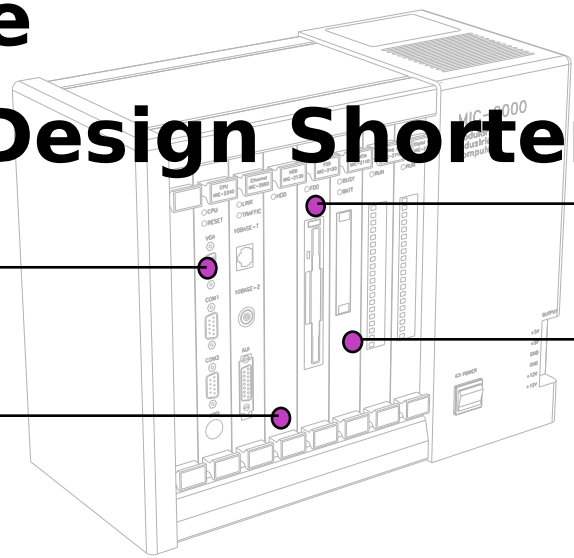
Flexible Modular Design

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



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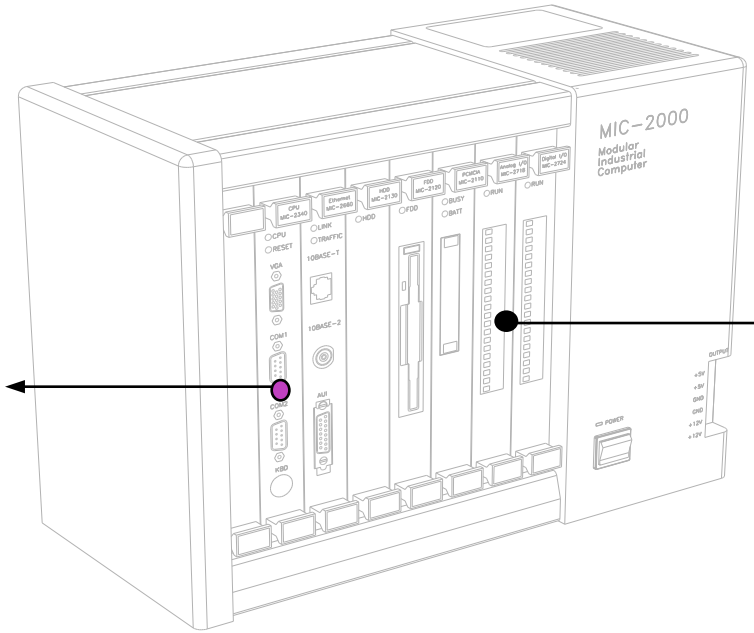
Front Panel I/O Access

- PLC-like Wiring Scheme
- Accept Field Wiring Directly



DB-9

Plug-in Terminal Block

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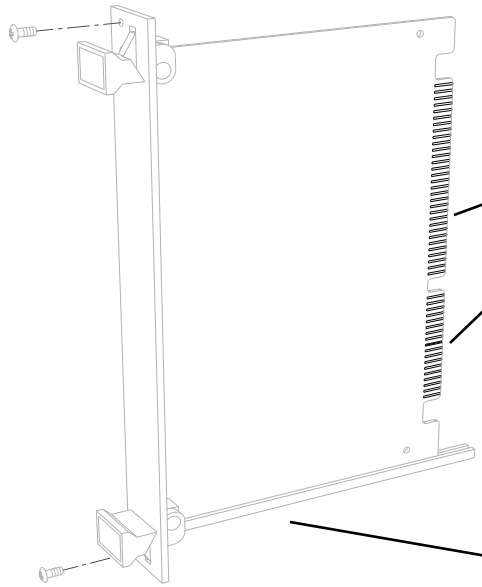
Reliable & Easy Mounting

- Extractor Handle Design for Easy Mounting
- 4-Point [illegible]eme



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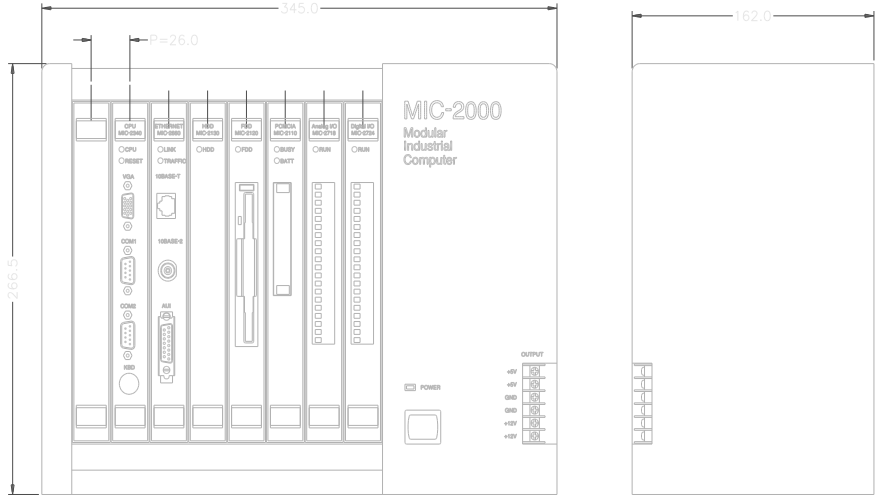
MIC 2000

Specially Designed for Industrial Environment

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



Unit: mm

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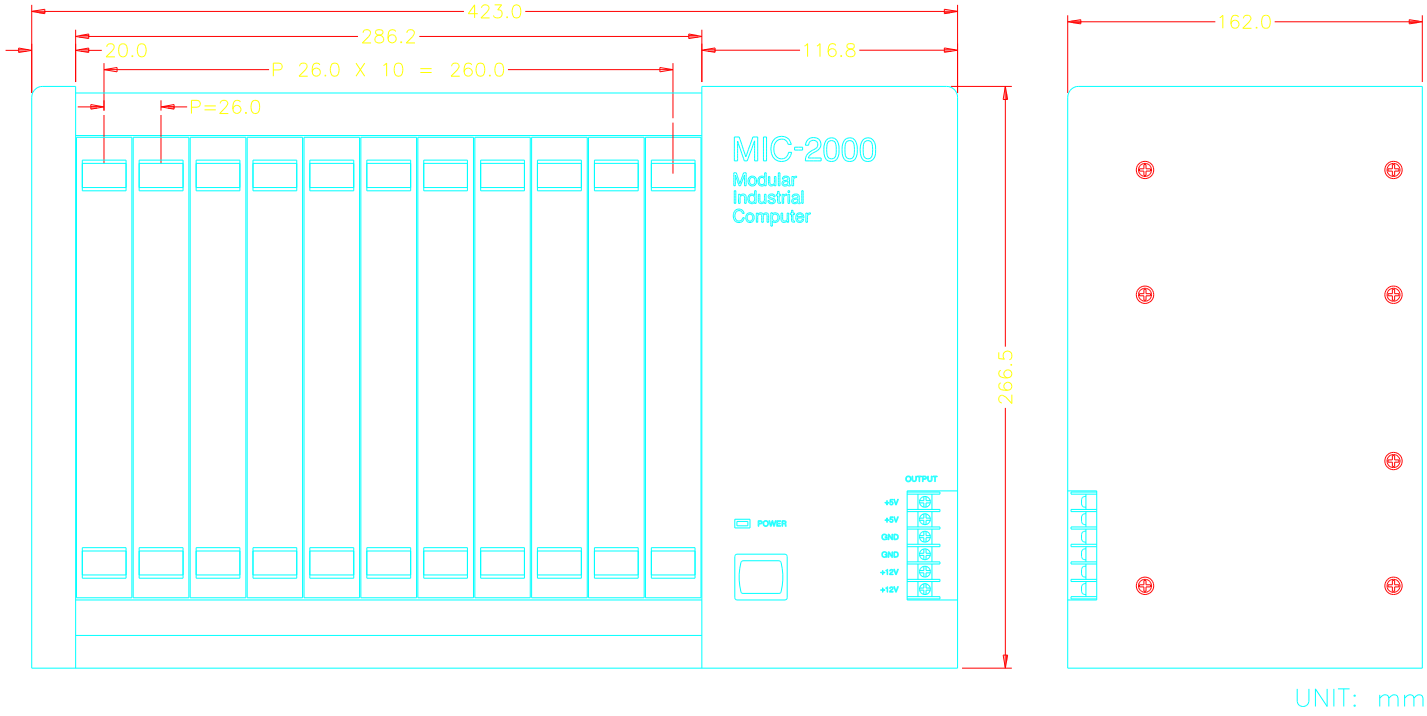
Rackmount MIC System



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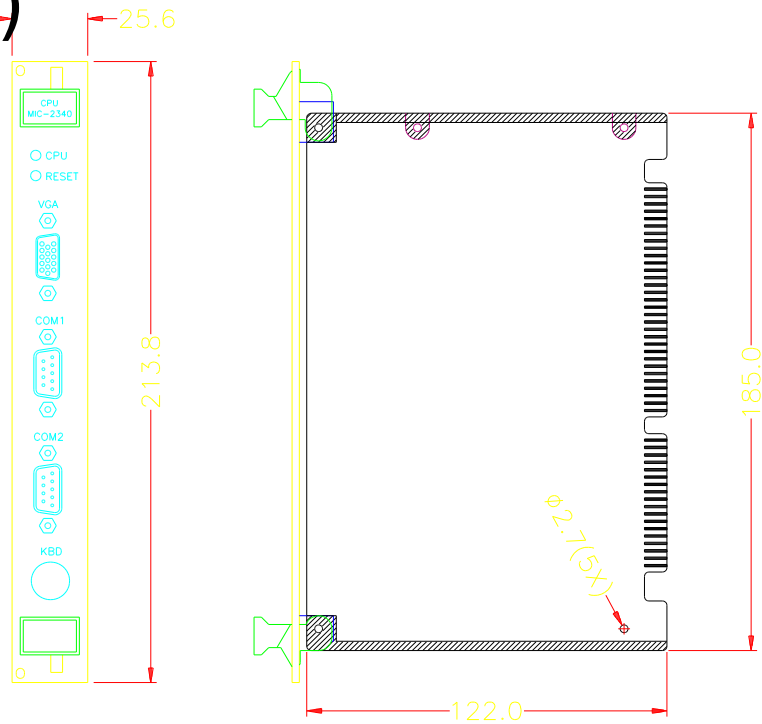
Module Dimensions

- Compact AT-bus Board Size
- Board Size: 185x122 mm (7.3x4.8 inch)")



Unit: mm

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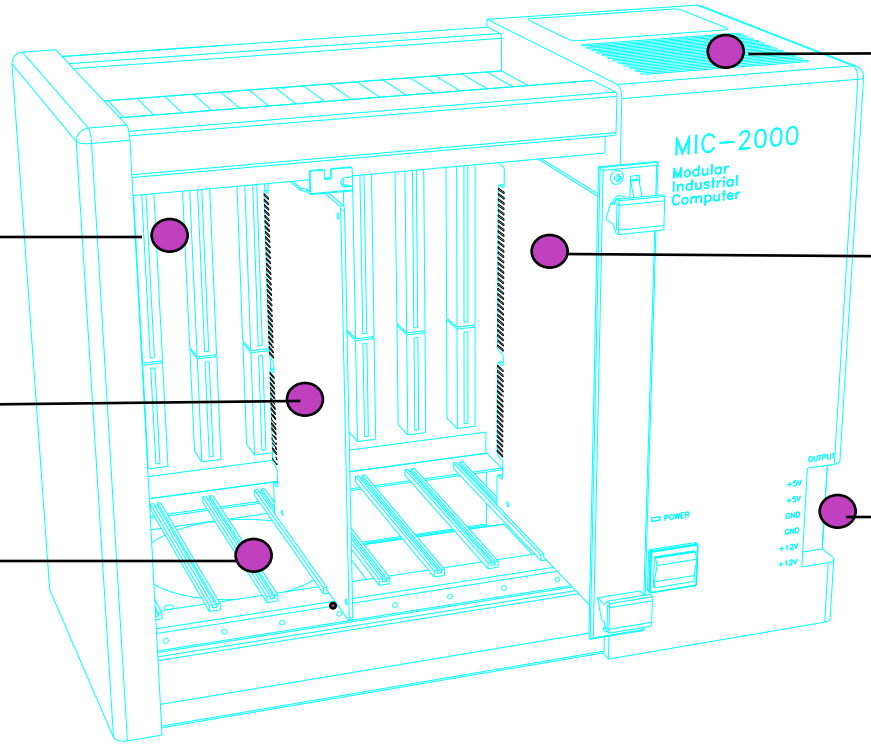
Mechanical Structure



Cooling Fan

ISA-Bus Backplane

I/O Module

General ISA-Bus Card Acceptable

Power Output Terminal

Cooling Fan with Removal Filter

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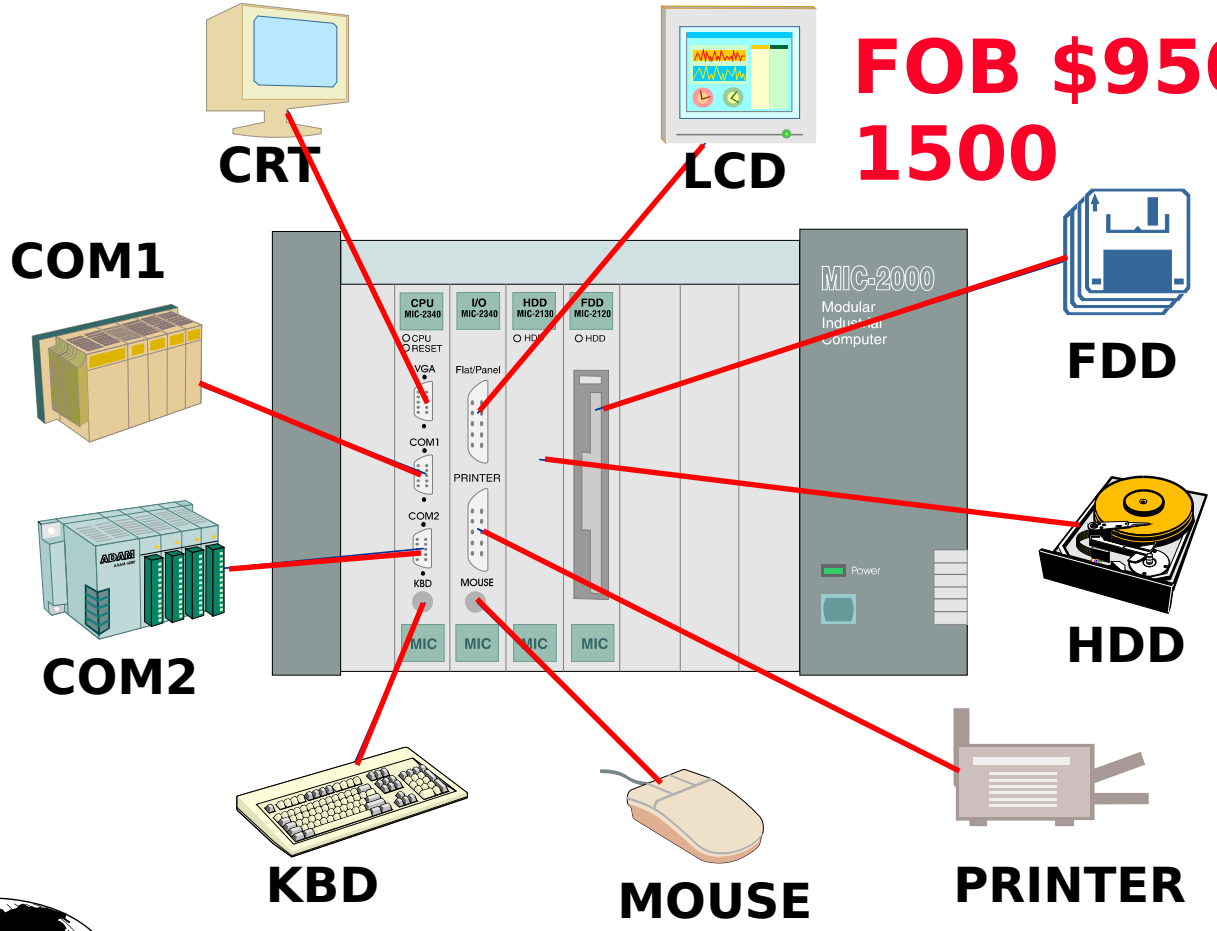
Complete PC Function



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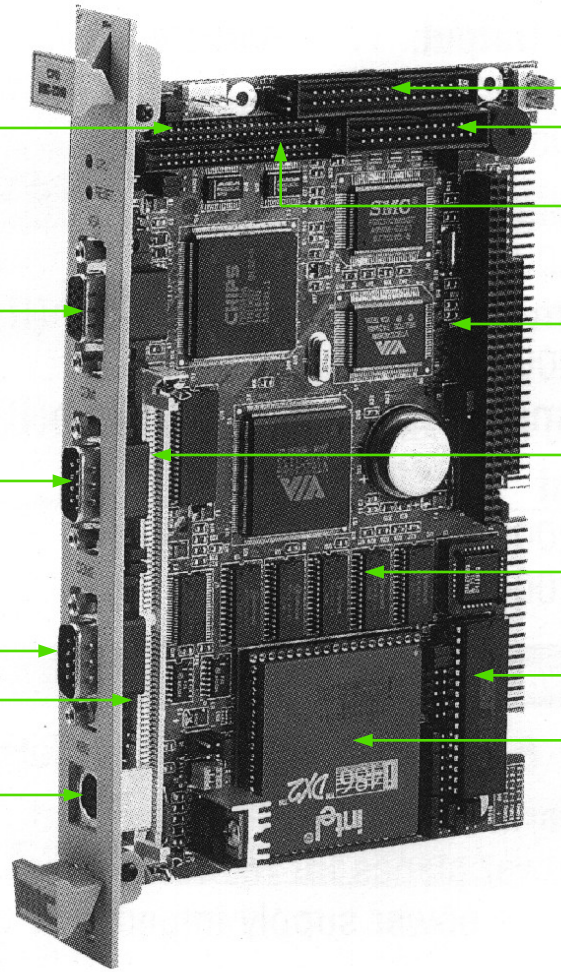
MIC-2000 Series

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



Flat Panel (LCD/EL)

Local-bus VGA

COM1 RS-232

COM2 RS-232/422/485

PS/2 Mouse Interface

Keyboard Connector

Enhanced Printer Port

FDD Interface

HDD(IDE) Interface

PC/104 Module Connector

Up to 32 MB DRAM

128KB Cache Memory

Award Flash BIOS

80486 SX/DX/DX2/DX4 /5x86 CPU

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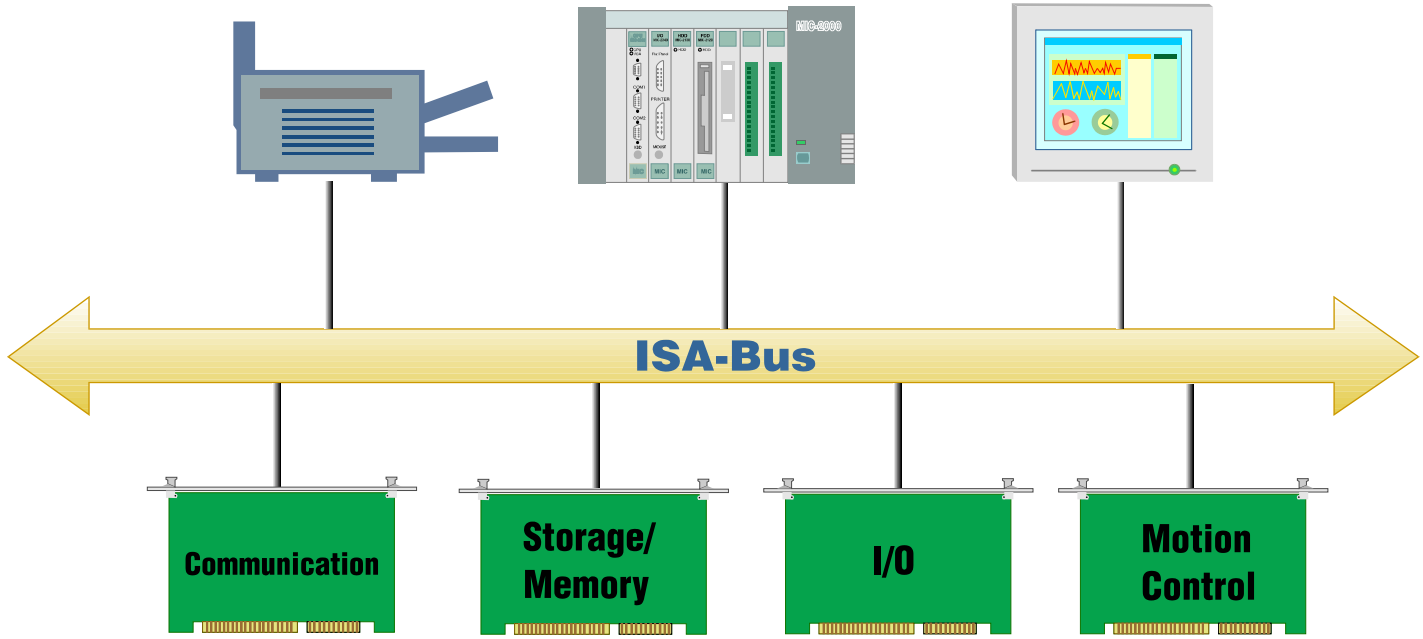
Complete Industrial I/O Solution



* RS-232
* RS-422/485
* Field Bus (CAN)
* Ethernet

* FDD
* HDD
* PCMCIA
* SSD

* AI
* AO
* DI
* DO

* 2-Axis Servo
* 4-Axis Servo

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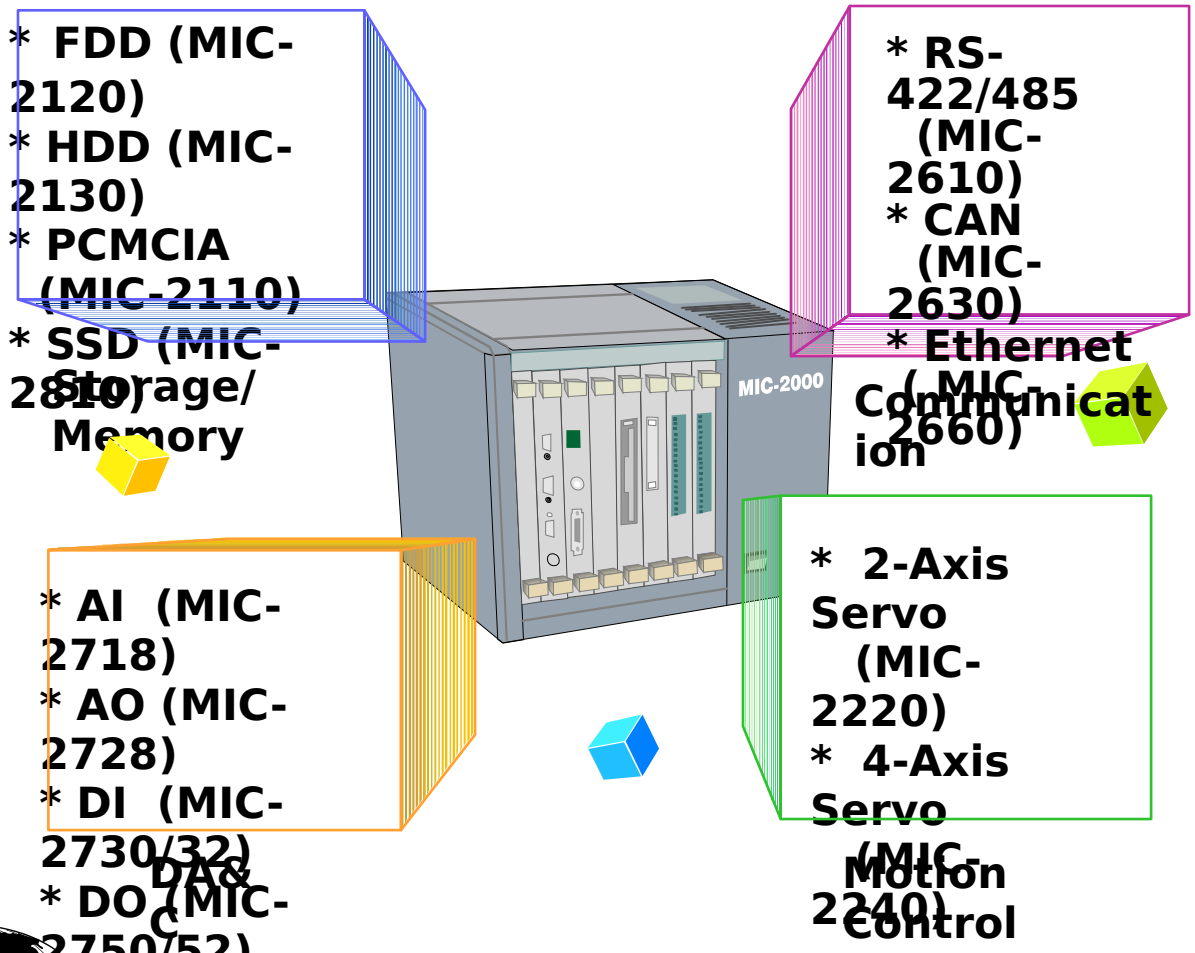
Modules Selection Guide



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Typical Applications

- Supervisory Control and Data Acquisition
- Embedded Machine Control
- Motion Control and Robotics
- Data Communication Processors
- Automatic Test and Nevigation Systems
- Military Ground Support Systems
- Experiment System for Research

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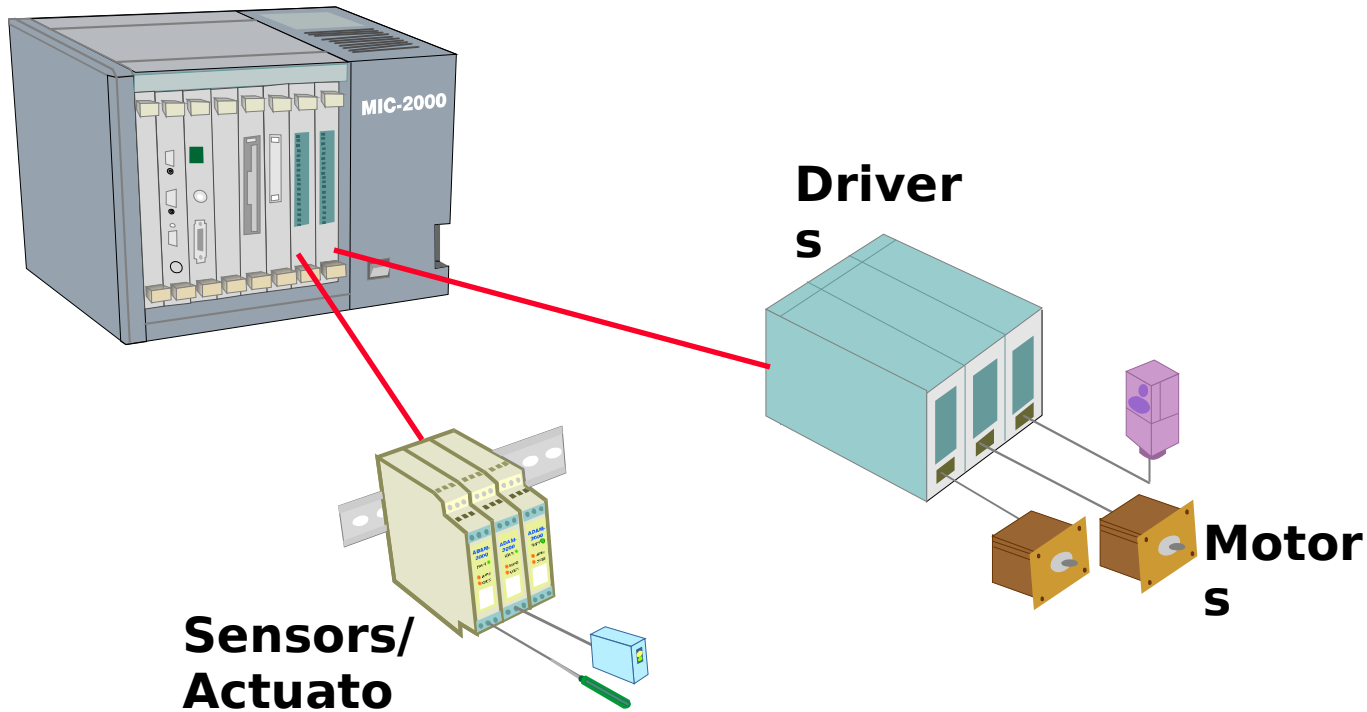
Typical Embedded Machine Control



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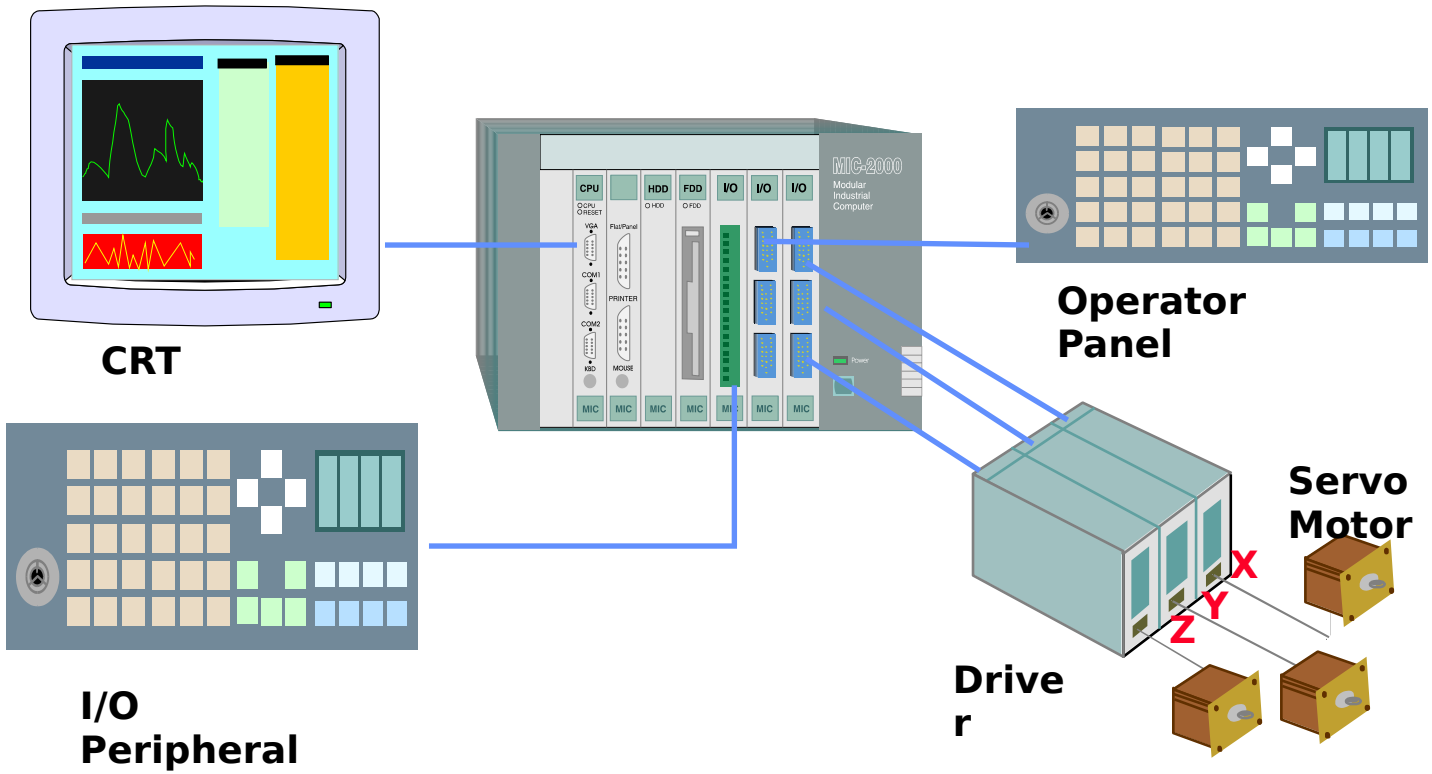
CNC Turning Machine



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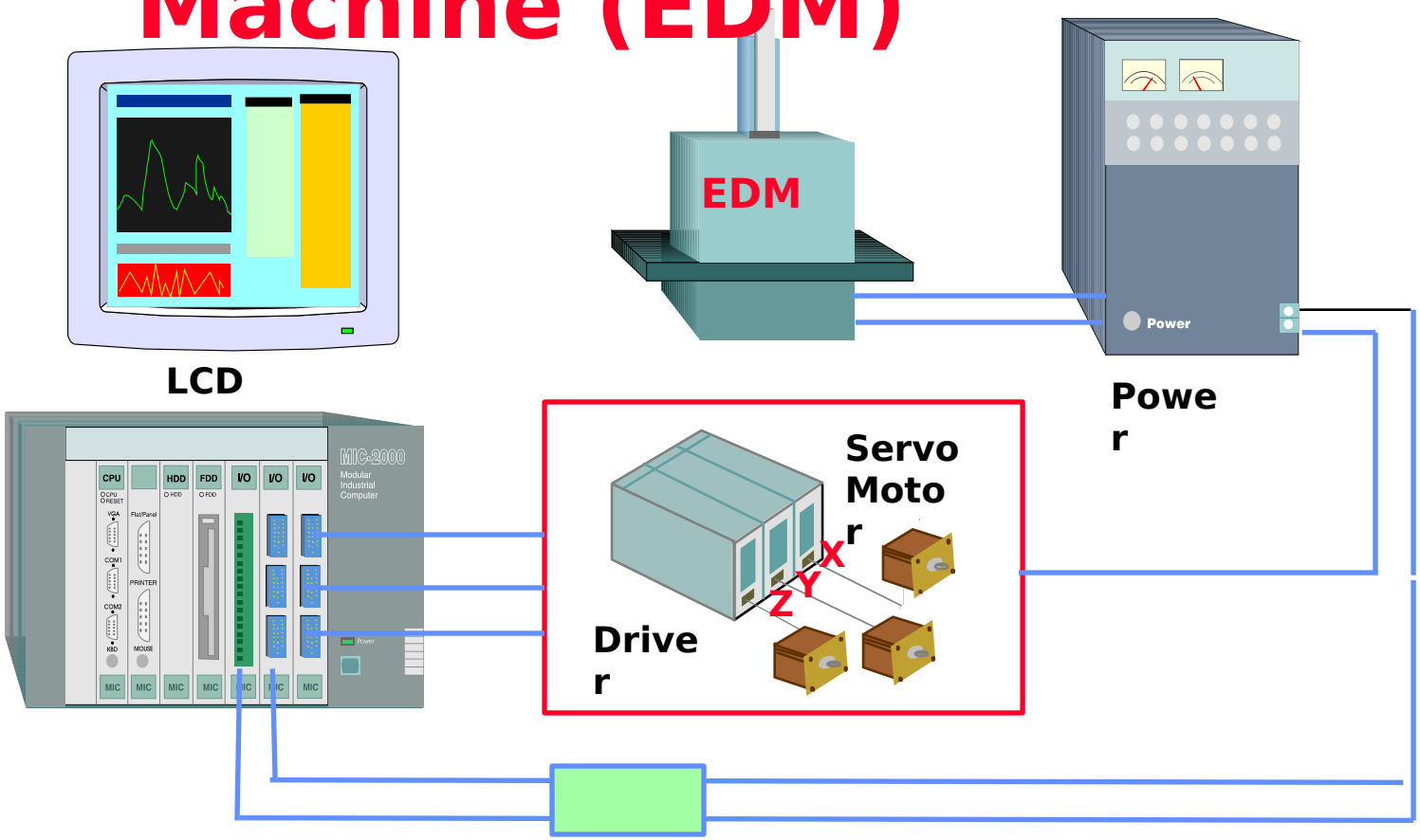
CNC Electrical Discharge Machine (EDM)



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