

# Industrial Computer Module **BIX**

Industrial Computer System

## Compact Industrial Brick Computer

The BIX modules are compact industrial brick computer systems that can be connected to various front Interface modules or on its own to form a complete industrial computer solution.



- CPU:** Core 2 Duo, Pentium M, Celeron ULV
- Memory:** Up to 2.0 GB
- Serial Ports:** Up to Four RS-232 Ports
- USB Ports:** Four USB 2.0
- Networking:** One 1.0 Gb OR Dual 1.0 Gb
- Video:** One RGB Port, On-Board Configurable
- Available Disk Drives:** 2.5" IDE Drives, 2.5" Solid-State and Industrial CF Cards
- Keyboard/Mouse:** Two PS/2 Ports
- Expansion Slots:** 0 or 1 PCI Slot
- Power Supply:** 120-240 VAC
- Temperature Specs:** 0°-50°C (32°- 122°) operating  
-25°-60°C (-4°-140°) non-operating
- Relative Humidity:** 10 ~ 95% non-condensing
- Shock:** 10G operating - 15G non-operating
- Vibration:** 1.0G from 57-2000 Hz operating  
2.5G from 57-2000 Hz non-operating

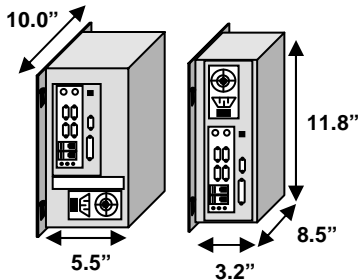
## Specifications & Configurator

### AVAILABLE FRONT INTERFACE MODULES

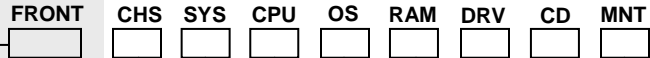
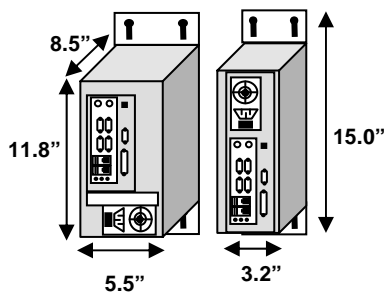
- FX10 10.4" SVGA TFT LCD
- FX12 12.1" SVGA TFT LCD

### DIMENSIONS - Images not to scale

#### PANEL MOUNT



#### SLICE MOUNT



### CHASSIS MODULE

- BIX0 Brick PC Module, 0 Slots, 90-265 VAC
- BIX1 Brick PC Module, 1 Slot, 90-265 VAC

### SYSTEM CONFIGURATION

- I1 Pentium M: 1.0 Gb Ethernet Port, 2 USB 2.0 Ports, 4 RS232 Ports, 2 PS/2, Audio I/O
- I6 Celeron: Ethernet Port, 2 USB 2.0 Ports, 1 RS232 Port, 2 PS/2, Audio I/O
- I7 Core 2 Duo: 2 1.0 Gb Ethernet Ports, 2 USB 2.0 Ports, 2 RS232 Ports, 2 PS/2, Audio I/O

### CPU CONFIGURATION

- S0 1.33 GHz Celeron 533MHz FSB (I6 System)
- M1 1.0 GHz Celeron ULV 400MHz FSB (I1 System)
- G1 1.6 GHz Pentium M 400MHz FSB (I1 System)
- TC 1.46 GHz Celeron M 533MHz FSB (I7 System)
- T0 1.6 GHz Core 2 Duo Mobile 533MHz FSB (I7 System)
- T2 2.16 GHz Core 2 Duo Mobile 667MHz FSB (I7 System)

### OPERATING SYSTEM

- XX No Operating System
- XP Windows XP Pro
- W2 Windows 2000 Pro
- EX Windows XP Embedded
- CE Windows CE

### MEMORY

- K 256MB DDR RAM
- P 1.0GB DDR RAM
- L 512MB DDR RAM
- R 2.0GB DDR RAM (Only I7 System)

### INTERNAL DRIVE

- XX No Internal HD
- E8 8.0GB Flash
- C4 512MB Indust. CF
- C7 4.0GB Indust. CF
- 4N 40GB 2.5" HD
- E9 16.0GB Flash
- C5 1.0GB Indust. CF
- C8 8.0GB Indust. CF
- 8N 80GB 2.5" HD
- EA 32.0GB Flash
- C6 2.0GB Indust. CF
- C0 CF Adapter Only

### CD DRIVE CONFIGURATION

- N No CD Drive
- Z Slim DVD/CD-RW External Cover Mount
- B Slim DVD-RW External Cover Mount

### MOUNTING (not applicable when used with front module)

- PM Panel Mount
- SM Slice Mount



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