

15 Slot Enclosure and Backplane Platform for PICMG PCI/ISA Systems



15 Slot Platform Offers a Choice of Backplane Functionality

■ Industrial Control

■ Telecommunications

■ Medical Imaging

■ Simulation

■ Print and Pre-press

Features

- Choice of standard or PCI-rich backplanes
- Full operator control panel
- Desktop, tower and rackmount options
- Three front access storage devices
- Accepts Force Flexor Diskpacks

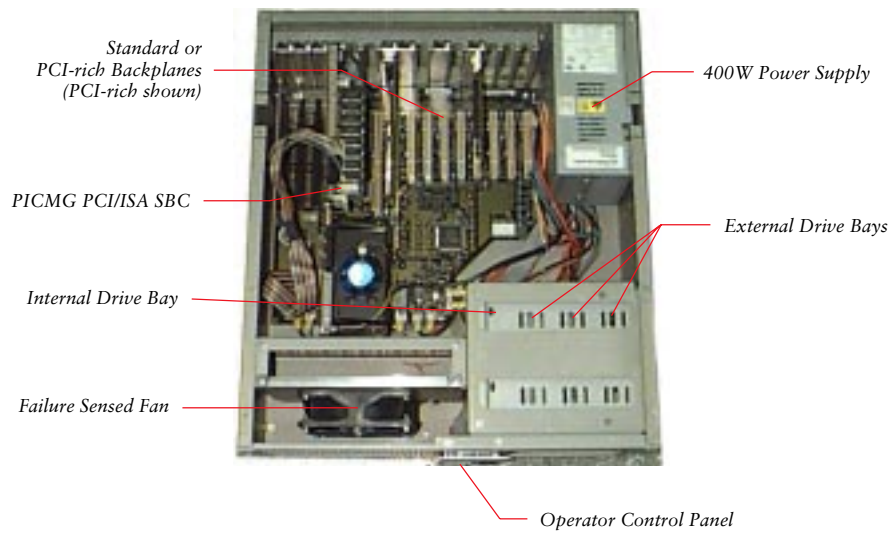
Highlights

The Force Flexor™ Model 15 Platform offers a range of high-quality solutions for industrial and embedded computing requirements.

By conforming to industry standards, the Flexor Model 15 platform provides the highest levels of flexibility and longevity possible.

- PICMG PCI/ISA 1.0 R2.0
- PCI V2.1
- ISA





Force Flexor Model 15 Platform Internal Layout

Features

Platform	Backplanes	Power Supply	Operator Panel	Disk Drive Bays	Mounting Kits
Flexor Model 10/E	Standard (7 PCI, 6 ISA, 1 SBC) or PCI-rich (10 PCI, 3 ISA, 1 SBC)	400 W AC	Full OCP	4 standard using Diskpack/4, 6 max using Diskpack/1 or Diskpack/2	Desktop, Deskside or Rackmount

Environmental

Temperature	Operating	5° to 50°C
	Non-operating	-40°C to +65°C
Humidity	Operating	5% to 95% non-condensing
	Non-operating	5% to 95% non-condensing
Shock	Operating	10G, 3 axis
Vibration	Operating	5-10Hz: 0.020"
		1-500-10Hz: 0.1G
	Non-operating	10-5Hz: 0.020"
Altitude	Non-operating	1.5G, 3 axis
	Operating	3657m
	Non-operating	12192m

Regulatory compliance

- CE Class B
- EN55022 Class B
- EN50082-1 Class 1
- IEC 1000-2,3,4,6 office environment levels
- EN60950

Physical dimensions

Weight (kg)	11.35
Height (cm)	18.4
Width (cm)	43/2
Depth (cm)	51.1

Operating control panel controls and indicators

- Halt/Reset button
- Power indicator LEDs for:
 - +3.3V
 - +5V
 - -5V
 - +12V
 - -12V
- Fan failure indicator
- Over temperature indicator
- Hard disk unit activity indicator
- Status display - provides text messages dependant on support by SBC and operating system / application
- Speaker

Ordering information

Part Number	Description
ETM31-CA	Force Flexor Model 15 platform with Flexor Series 15 backplane (7 PCI, 6 ISA, 1 SBC)
ETM33-CA	Force Flexor Model 15 platform with Flexor Series 15/P PCI-rich backplane (10 PCI, 3 ISA, 1 SBC)

Options

ETMXK-CR	Rack mount kit
ETMXK-CD	Desktop skin
ETMXK-CT	Tower skin

Power output

Voltage	Current
+3.3V	50A
+5.0V	45A
+12V	10A
-12V	0.5A
-5.0V	0.5A
-5.0V Aux	1A
Max Power	400W



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Force Computers is the leading designer and worldwide supplier of standard and custom systems, board-level computer platforms and services for the embedded market.

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