



□ SHIPPABLE COMPACTFLASH CARDS, AND DIGITAL VISION INTERFACE, THE REAR I/O TRANSITION MODULE



- PICMG 2.0 CompactPCI specifications R3.0 compliant
- PXI specifications Rev. 2.0 (PICMG 2.8) compliant
- 44TE/HP slot bay
- Intel Embedded Socket-370 1.4GHz Pentium III

ACP382





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VISION INTERFACE, THE REAR I/O TRANSITION MODULE

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ACME

ACME PORTABLE
The power behind portability

■ PRODUCT SPECIFICATIONS ■

PORTABLE CHASSIS

Backplane

- 3U-sized; 8-slot PXI backplane (1 system slot & 7 peripheral slots)
- Compliant with PXI Specification R2.0 (PICMG 2.8)
- Accepts both PXI and CompactPCI (PICMG 2.0 R3.0) 3U modules
- Compliant with PICMG 2.1 R1.0 CompactPCI Hot Swap

Slots Bay

44 (TE/HP)

LCD Display

15 inch LCD Display with touch screen

Resolution

1024 x 768

Key Board

108 key, with touch pad point device

VGA Card

DVI

Power Supply

- Input Voltage: 100V ~ 240Vac
- Input Frequency: 50 ~ 60Hz
- Output Power: 300Wmax (x2 sets)

AC Power Supply

3@ 33cfm

Module Cooling

100,000+hr

Module Cooling Fan MTBF

12kg/26lb

Weight

400mm (W) x 230mm (D) x 291mm (H)

Dimensions

0 ~ 50°C

Operating Temp.

5 ~ 90%

Humidity

1.25g @ 10 ~ 100Hz

Vibration

15g

Shock

CE & FCC Class A Compliant

EMI

PRODUCT SPECIFICATIONS

PORTABLE CHASSIS

Backplane	<ul style="list-style-type: none"> 3U-sized; 8-slot PXI backplane (1 system slot & 7 peripheral slots) Compliant with PXI Specification R2.0 (PICMG 2.8) Accepts both PXI and CompactPCI (PICMG 2.0 R3.0) 3U modules Compliant with PICMG 2.1 R1.0 CompactPCI Hot Swap
Slots Bay	44 (TE/HP)
LCD Display	15 inch LCD Display with touch screen
Resolution	1024 x 768
Key Board	106 key, with touch pad point device
VGA Card	DVI
Power Supply	
AC Power Supply	<ul style="list-style-type: none"> Hot-Swap & Power Sharing Redundant Power Supply Input Voltage: 100V ~ 240Vac Input Frequency: 50 ~ 60Hz Output Power: 300Wmax (x2 sets)
Module Cooling	3@ 33cfm
Module Cooling Fan MTBF	100,000+hr
Weight	12kg/26lb
Dimensions	400mm (W) x 230mm (D) x 291mm (H)
Operating Temp.	0 ~ 50°C
Humidity	5 ~ 90%
Vibration	1.25g @ 10 ~ 100Hz
Shock	15g
EMI	CE & FCC Class A Compliant

EMBEDDED CONTROLLER

Physical	
Number of Slots Required	1 system slot, 2 controller expansion slots (12TE/HP)
Dimensions	10.0 (W) x 17.5 (D) x 6.0cm (H), 3U
Weight	600g
Peripherals	
CPU/Cache	Socket370 CPU, include the following models: Intel socket 370 Pentium III, Celeron/VIA C3 CPU, CPU frequency up to 1.4 GHz
Front Side Bus (FSB)	100/133MHz
Chipset	Intel 815E Chipset
VGA	<ul style="list-style-type: none"> 3D graphics visual enhancement 24-bit 230 MHz RAMDAC Up to 1600 x 1200 resolution (256 colors at 85Hz refresh rate)
Memory	128 MB SDRAM
IDE Ports	<ul style="list-style-type: none"> Primary IDE bus: one 44-pin ATA-100 EIDE interface on board to support one slim type EIDE hard disk drive Secondary IDE bus: provides one 50-pin Compact Flash type II connector (CF1: jumper-selectable as master or slave) and one 40-pin ATA-100 IDE connector on the front panel
USB	3 USB ports
Ethernet	10/100 BaseT, RJ-45 Connector, 2 ports
Keyboard and Mouse	2 PS/2 ports
Hard Drive	Internal 2.5in., 20GB

PRODUCT SPECIFICATIONS

EMBEDDED CONTROLLER

Software	
Operating System	Windows 2000/XP/NT/9x, Linux, and VxWorks
Power Consumption	

Configurations	Pentium-III 1.4 G	Celeron 600
+5V	7A	4.2A
+3.3V	3.5A	3.5A
+12V	560mA	560mA
-12V	10mA	10mA

Operating Environment

Ambient Temperature Range	0 to 55°C
Humidity Range	5% to 95%