



- PICMG 2.16 CompactPCI with Packet Switching Backplane specification
- PICMG 2.9 Compliant with System Management Specification
- Hot Swap Specification compliant (PICMG 2.1)
- 24TE/HP slot bay
- Intel 1.7GHz/2.2GHz Pentium® 4 Processor-M

# ACP661





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**ACME PORTABLE**  
The power behind portability

## ■ PRODUCT SPECIFICATIONS ■

### PORTABLE CHASSIS

#### Backplane

- 6U-sized; 6-slot cPCI backplane (1 system slot & 4 peripheral slots)
- PICMG<sup>®</sup> 2.16 Compliant with Packet Switching Backplane Specification
- PICMG 2.9 Compliant with System Management Specification
- Compliant with PICMG 2.1 R1.0 CompactPCI Hot Swap

#### Slots Bay

24 (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

CB7301

#### Power Supply

- Input Voltage: 100V ~ 240Vac
- Input Frequency: 50 ~ 60Hz
- Output Power: 400Wmax

#### AC Power Supply

#### Module Cooling

2@ 25cfm

#### 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 &amp; FCC Class A Compliant

## PRODUCT SPECIFICATIONS

### PORTABLE CHASSIS

Backplane	<ul style="list-style-type: none"> <li>6U-sized; 6-slot cPCI backplane (1 system slot &amp; 4 peripheral slots)</li> <li>PICMG<sup>®</sup> 2.16 Compliant with Packet Switching Backplane Specification</li> <li>PICMG 2.9 Compliant with System Management Specification</li> <li>Compliant with PICMG 2.1 R1.0 CompactPCI Hot Swap</li> </ul>
Slots Bay	24 (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	CB7301
<b>Power Supply</b>	
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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

<b>Physical</b>	
Number of Slots Required	1 system slot (8TE/HP)
Dimensions	23.3 (D) x 16.0cm (H), 1-slot width, 6U
Weight	800g
<b>Peripherals</b>	
CPU/Cache	<ul style="list-style-type: none"> <li>Intel Pentium<sup>®</sup> 4 Processor-M (fanless)</li> <li>CPU frequency up to 1.7GHz/2.2GHz</li> <li>512KB on die</li> </ul>
Front Side Bus (FSB)	400MHz
Chipset	Intel 845E Chipset
VGA	<ul style="list-style-type: none"> <li>ATI RageXL Controller</li> <li>8MB on board VRAM</li> <li>Up to 1600 x 1200 resolution (64K color at 75Hz refresh rate)</li> </ul>
Memory	<ul style="list-style-type: none"> <li>DDR-200/266 SDRAM with ECC support</li> <li>Maximum 2GB (optional)</li> <li>Integrated 512MB/1GB/2GB memory on board (No onboard-SO-DIMM connector for upgradability)</li> </ul>
EIDE Ports	<ul style="list-style-type: none"> <li>ATA 66/100 mode</li> <li>2 channel</li> <li>One IDE connector and space reserved for embedded 2.5" HDD</li> </ul>
PCI-to-PCI Bridge	<ul style="list-style-type: none"> <li>System/Drone mode capability</li> <li>Hint HB6 Controller</li> <li>Up to 64-bit/33MHz PCI bus</li> </ul>

## PRODUCT SPECIFICATIONS

### EMBEDDED CONTROLLER

USB	2 USB channel
Ethernet	10/100/1000 BaseTX Gigabit Ethernet, RJ-45 Connector, Intel <sup>®</sup> 82540 x 2
Front I/O Interface	<ul style="list-style-type: none"> <li>1 LAN</li> <li>1 Serial (RS-232, RJ-45 connector)</li> </ul>
Hard Drive	Internal 2.5in., 20GB
<b>Software</b>	
Operating System	Windows 2000/XP/NT/9x, Linux, and VxWorks
<b>Power Consumption</b>	

VDC	Typical	Maximum
+3.3V	2.0A	4.43A
+5V	3A	4.9A
+12V	<50mA	35mA

### Operating Environment

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