ACMEII 800/ACMEII 803   Industrial Portable Computer

Design for P4BLSII Motherboard with Rear I/O, Offer 8 full-size expansion slots

- **High-impact, more flexible and affordable**
- **High brightness 14" or 15" TFT LCD display**
- **Offer 8 full-size slots expansion capability**
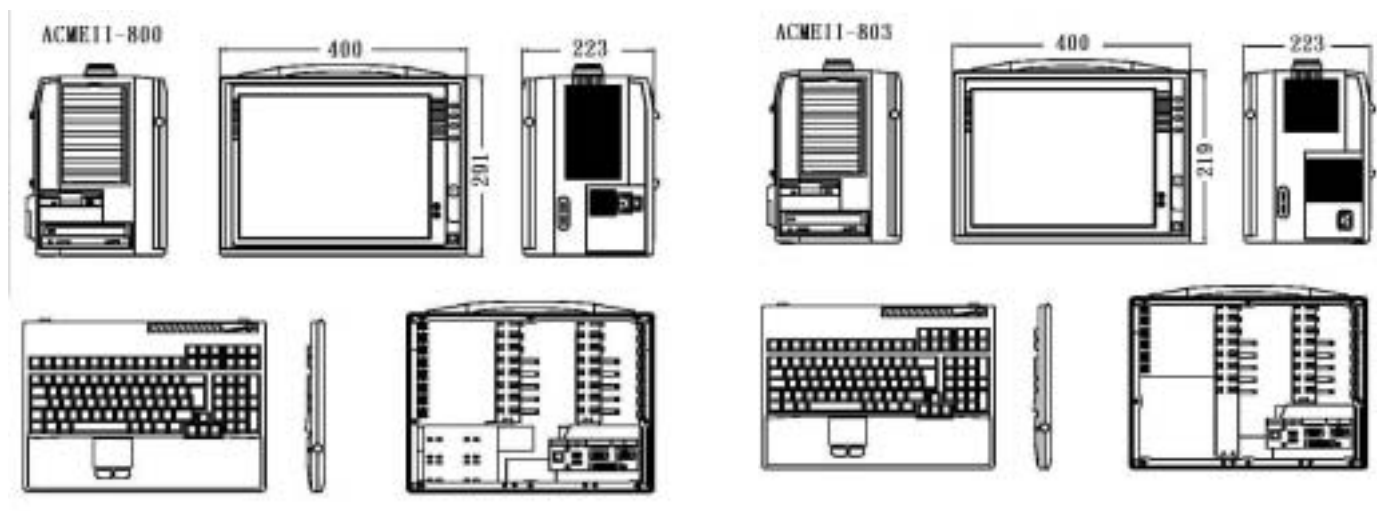- **SBC with Backplane or P4BLSII Motherboard**

P4BLSII Rear I/O

Introduction

With the ability to integrate standard PC peripherals and accommodate 8 full-size expansion cards, ACMEII 800/803 portable computer is the most pragmatic solution for any mobile applications. It is the smallest lunchbox computer on the market accommodating a 14" or 15" high brightness TFT LCD screen for a truly satisfying viewing experience.

Carefully designed with the user in mind, this rugged and user-friendly platform can be used indoors or outdoors depending on the application requirement. It is an ideal potable for data acquisition, as a protocol analyzer, or high-speed telecommunication testing. The ACMEII 800/803 model accepts either an industrial motherboard (P4BLSII) or an 8-slot passive backplane board with single board computer and offers a wide range of power sources for different applications usages.

Specification

Model	ACMEII 800	ACMEII 803
Motherboard	Support SBC + PBP or P4BLSII M/B	
Slot	Offer 8 full-size expansion slots	
Drive Bay	1 x 5.25" open, 2 x 3.5" open	
Color	Flash Gray	
Display	14" Tilt, 150 nits brightness, 50, 000 hrs of backlight life	
	15" Fixed, 250 nits brightness, 50, 000 hrs of backlight life	
Resolution	1024x768	
VGA	Analog-to-digital conversion board	
Keyboard/Mouse	108 keys, multi-languages/touchpad, RJ45 connector	
Case Size	400mm x 291mm x 213 mm (15.7" x 11.5" x 8.3")	
Power Supply	1U, 400 W Auto Switch	PS2, 400W Auto Switch
SKD Weight	8.8 kgs (19.5 lbs)	
Speaker	Built-in amplified speakers	
	Amplified board output: 2 x 6 Watt Stereo	
	Dual Speaker output: 2 Watt	
Carrying Case	Padded carrying case with wheels	
Stabilize Bars	2	
Cooling Fan	1x80mmx80mmx15mm	
Case	External chassis-flame retardant ABS plastic	
	Internal chassis-gold color aluminum alloy	

Mechanical/Environmental

Operating Temp.	0°C-50°C
Relative Humidity	20-80% (non-condensing)
Operating Shock	15g
Operating Vibration	10-100Hz 1.25g
Approval	CE, FCC

Internal View of ACMEII803 with P4BLSII M/B

Ordering Information (SKD chassis)

- **ACMEII800-14**

  14" LCD, 8 slots, A/D board, K/B with Touchpad,

  1x5.25''/2x3.5'' Drive bays, 400W PSU, Carrying bag

- **ACMEII800-15**

  15" LCD, 8 slots, A/D board, K/B with Touchpad,

  1x5.25''/2x3.5'' Drive bays, 400W PSU, Carrying bag

- **ACMEII803-14**

  14" LCD, 8 slots, A/D board, K/B with Touchpad,

  1x5.25''/2x3.5'' Drive bays, 400W PSU, Carrying bag

- **ACMEII803-15**

  15" LCD, 8 slots, A/D board, K/B with Touchpad,

  1x5.25''/2x3.5'' Drive bays, 400W PSU, Carrying bag

Option:

- **Motherboard : P4BLSII**
- **15" LCD Monitor, 1400x1050 Resolution**
- **Anti-glare glass protect LCD Monitor**
- **LCD heater for operating at -20°C**
- **Sunlight readable LCD Monitor**