

ARK-9880

Full Length, PC Board Expandable, Embedded Box Computer

NEW

PICMG 1.0

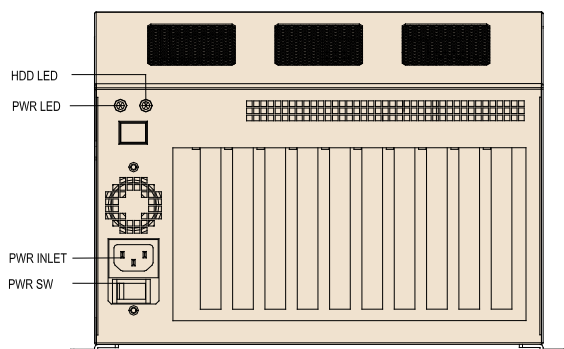


Features

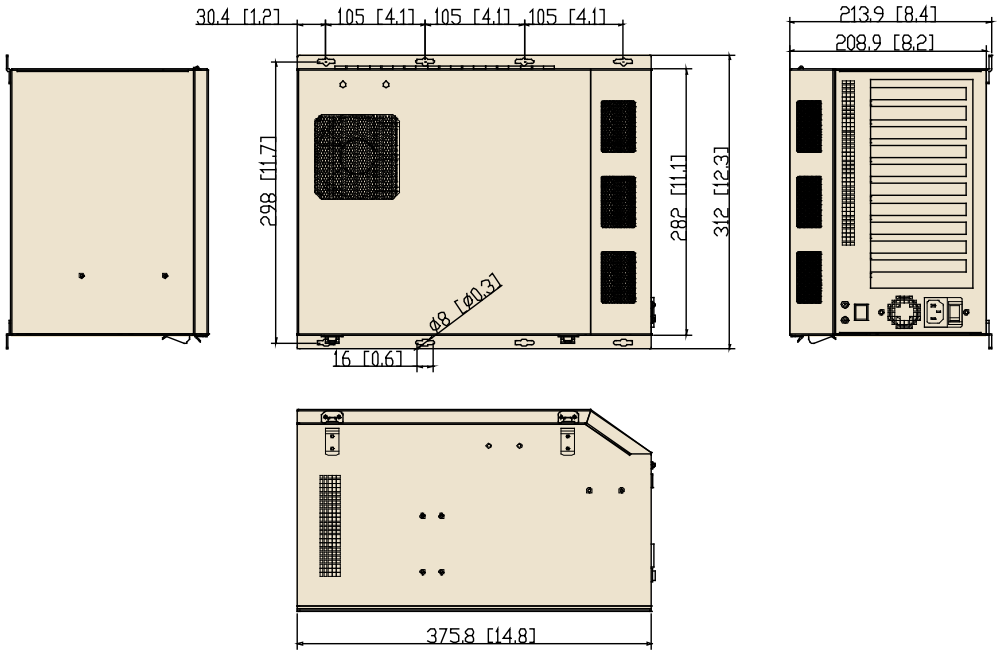
- 8-slot compact desktop/wallmount industrial computer chassis
- Shock-resistant drive bay design with rubber cushions
- Shock-resistant disk drive bracket design to hold one internal slim-type optical drive and two internal 3.5" drives
- LED indicators for power status and HDD activity
- Equipped with 1U-high 300 W ATX/PFC power supply
- Easy-to-open front-cover, no screwdriver required
- Easy-to-replace air filter

Specifications

| | | | |
|--------------------------|------------------------|---|--|
| Disk Drive Bay | Slim-type | Internal | |
| | 3.5" | 1 | 2 |
| Cooling | Fan | 1 (58 CFM) | |
| | Air Filter | 1 (147 mm x 127 mm) | |
| Miscellaneous | Control | Power on/off switch and system reset button | |
| | LED Indicators | Power status and HDD activity | |
| Environment | Temperature | Operating 0 ~ 40° C (32 ~ 104° F) | Non-operating -20 ~ 60° C (-4 ~ 140° F) |
| | Humidity | 10 ~ 85 % @ 40° C, non-condensing | |
| | Vibration (5-500 Hz) | 1 Grms | 2 G |
| | Shock | 10 G (with 11 ms duration, half sine wave) | 30 G |
| Physical Characteristics | Dimensions (W x H x D) | 282 x 375.8 x 208.9 mm (11.1" x 14.8" x 9.2") | |
| | Weight | 8.2 kg (18 lb) | |



Dimensions



Unit: mm (inch)

Power Supply Options

| Part number | Watt | Input | Output | Specifications | | |
|---------------------------|-------|--------------------------------|---|--|---------------|------------------------|
| | | | | Mini-load | Safety | MTBF |
| 1757000229G (ATX, PFC) | 300 W | AC 100 ~ 240 V (full range) | +5 V @ 25 A, +3.3 V @ 14 A, +12 V @ 16 A, -5 V @ 0.5 A, -12 V @ 1.0 A, +5 Vsb @ 1.5 A | +5 V @ 3 A, +3.3 V @ 1.0 A, +12 V @ 2 A, -5 V @ 0.05 A, -12 V @ 0.05 A, +5 Vsb @ 0.1 A | UL/TUV/CB/CCC | 100,000 hrs @ 25° C |

Passive Backplane Options

| Part Number | Slot | Segment |
|-----------------|------------------------------------|---------|
| PCA-6108P4-0C2E | 3 ISA, 3 PCI, 1 PICMG/PCI, 1 PICMG | Single |
| PCA-6108P6-0B4E | 1 ISA, 5 PCI, 1 PICMG/PCI, 1 PICMG | Single |
| PCA-6108E-0C2E | 8 ISA | Single |

Ordering Information

| Part Number | Power Supply | SBC | Regulation |
|-----------------|--------------|--------------|------------|
| ARK-9880BP-30ZE | 1757000229G | Not included | CE |

Accessories

| Part Number | Description |
|----------------|---|
| SCD-ROME | Black slim-type 24X CD-ROM drive with 40-pin IDE connector |
| SDVD-CDRWE | Black slim-type 8X DVD + 24X CD-ROM drive with 40-pin IDE connector |
| 96FDD-144-TE-B | Black 3.5" FDD |