

IPC-6908

8-slot Fault-resilient IPC Chassis



Features

- The IPC-6908 is a high-end desktop/wallmount fault-resilient IPC chassis
- Supports up to 8 full length cards
- Front access drive bay supports two 5.25" and one 3.5" HDD and one internal 3.5" HDD within the chassis
- 260 W 110/220 V_{AC} input or 310 W -48 V_{DC} input power supplies provide enhanced -12 V_{DC} output
- Optional 250 W redundant power supply and ATX 250 W power supply are available
- Equipped with two hot-swap redundant cooling fans with easy-access air filters

Specifications

- **Construction:** Heavy-duty steel chassis and plastic front panel
- **Disk drive capacity:** Supports two front-access 5.25" and one 3.5" HDDs and one 3.5" drive inside the chassis
- **Cooling system:** Two hot-swap front-mounted 49 CFM (flow-in) cooling fans with easy-access air filters
- **Controls:** Power On/Off switch located on the rear panel. Reset and alarm reset buttons are located on the front panel
- **Indicators:** LEDs for fan failure and overheating. Single-color LEDs for power On/Off and HDD activity
- **Speaker:** One 8 Ω speaker with built-in amplifier
- **Dimensions (W x H x D):** 200 x 300 x 463 mm (7.9" x 11.8" x 18.2")
- **Weight:** 12 kg (26.4 lb)
- **Paint color:** PANTONE 415U (front panel)
PANTONE 418U (chassis)
- **Fault detection and alarm notification:** Monitors system hardware including fan failure and overheating
- **Operating temperature:** 0 ~ 50° C (32 ~ 122° F)
- **Relative humidity:** 10 ~ 95% @ 40° C, non-condensing
- **CE compliant**
- **UL, C-UL approved**



The IPC-6908 features two hot-swap front-mounted cooling fan and easily-mounted PS/2 or redundant power supply.

Power Supply Specifications

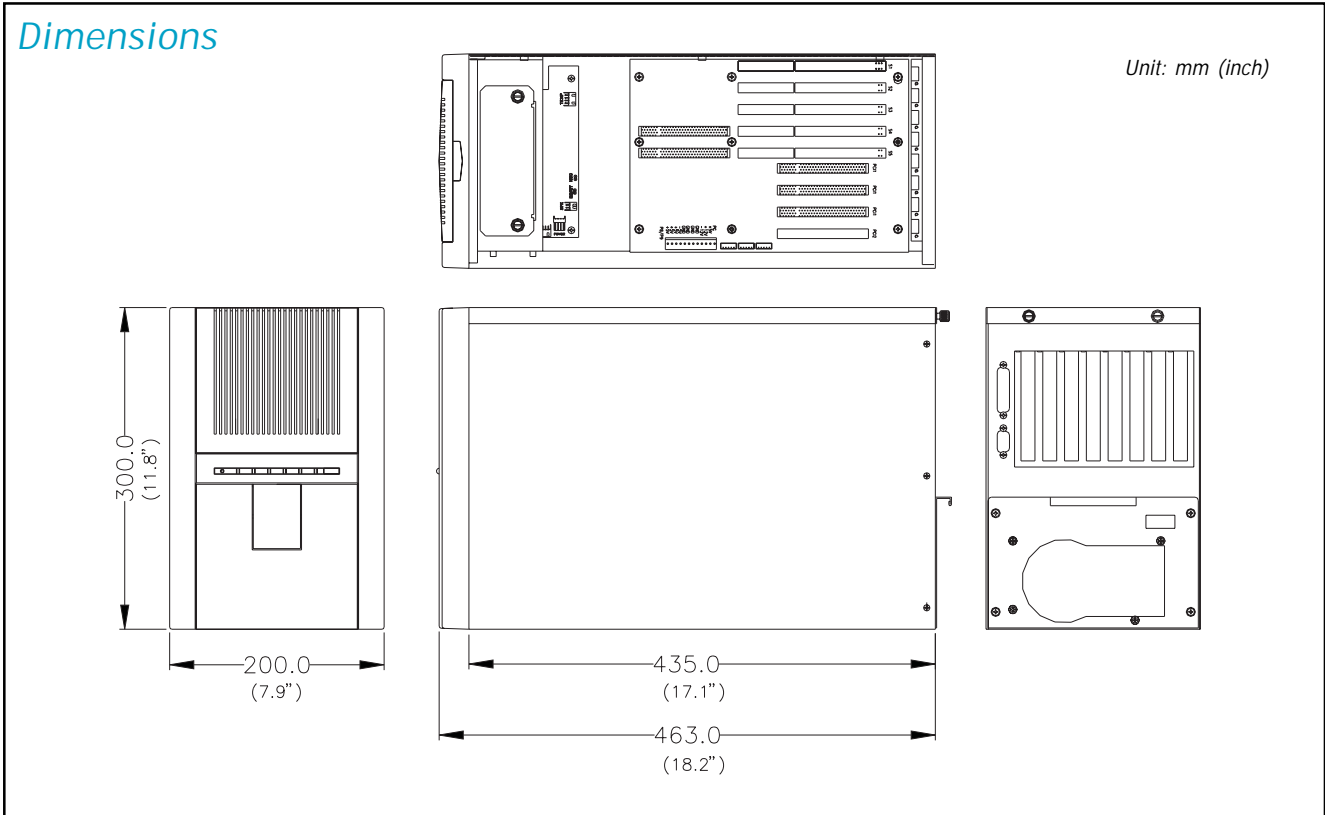
Model Name	Specifications				
	Watt	Input	Output	Mini-load	MTBF
PS-260-6908 (AT)	260 W	AC110/220 V	+5 V @ 25 A +12 V @ 9 A -5 V @ 0.5 A -12 V @ 2 A	+5 V @ 1 A +12 V @ 0.1 A	140,000 hours @ 50° C
PS-310-DC48 (AT)	310 W	DC-48 V	+5 V @ 25 A +12 V @ 10 A -5 V @ 1 A -12 V @ 5 A	+5 V @ 3 A +12 V @ 1 A	100,000 hours
PS-250X-DPS (ATX)	250 W	AC110/220 V	+5 V @ 25 A +12 V @ 8 A +3.3 V @ 14 A -5 V @ 0.5 A -12 V @ 0.8 A +5 VSB @ 1A	+5 V @ 1.5 A +3.3 V @ 0.3 A +12 V @ 0.2 A	100,000 hours
RPS-250-SADT (AT Redundant)	250 W	AC110/220 V	+5 V @ 25 A +12 V @ 12 A -5 V @ 1 A -12 V @ 1 A	+5 V @ 4 A +12 V @ 1 A	250,000 hours @ 30° C

UL/CSA/TÜV/CE approved

Passive Backplane Options

Backplane	Slots per Segment (ISA/PCI/CPU)	Segment
PCA-6108E	8 ISA	Single
PCA-6108P4	3 / 4 / 1	Single
PCA-6108P6	1 / 6 / 1	Single





The IPC-6908's hot-swap 1+1 redundant power supply (RPS-250-SADT) allows on-line maintenance for power failure without disturbing system operation. Moreover, all standard PS/2 and ATX power supplies can be installed in the IPC-6908 upon request.

Ordering Information

For flexible system integration, Advantech provides the following integration options for your specific needs. Please note the barebone models are equipped with power supplies but no backplanes. You may choose the required backplane from the backplane options, and integrate it into the chassis on your own.

Backplane-integrated Chassis

Ordering P/N	With Power Supply	With Backplane
IPC-6908-26PB	PS-260-6908	PCA-6108E
IPC-6908P4-26PB	PS-260-6908	PCA-6108P4

Barebone Chassis (with power supply but no backplane)

Ordering P/N	With Power Supply
IPC-6908BP-26PB	PS-260-6908
IPC-6908BP-25XB	PS-250X-DPS
IPC-6908BP-25RB	RPS-250-SADT
IPC-6908BP-31DB	PS-310-DC48