

IPC-615

15-slot Fault-resilient IPC Chassis



Features

- Supports 15 full-length cards
- Equipped with a 250 W hot-swap redundant power supply
- Supports two front access half-height and one 3.5" disk drives
- Two 86 CFM cooling fans with air filters
- Eight front-panel LED indicators display system status for fan failure and overheating. Audible alarm included

Specifications

- **Construction:** Heavy-duty steel
- **Disk drive bay:** Front accessible, supports up to two half-height and one 3.5" disk drives (vertical)
- **Cooling fans:** Two 86 CFM cooling fans with air filters
- **Controls:** Power On/Off switch, CPU reset button, alarm reset button and speaker volume control knob on the front panel behind door
- **Status indicators:** Single-color LEDs (green) for +5 V, +12 V, -5 V, -12 V and HDD activity Bi-color LEDs (green/red) for power failure, fan failure and overheating
- **Keyboard connector:** Pre-wired 5-pin DIN connectors
- **Speaker:** One 8 W speaker with built-in amplifier
- **Dimensions (W x H x D):** 482 x 177 x 478 mm (19" x 7" x 18.8")
- **Weight:** 20 kg (44 lbs)
- **Paint color:** PANTONE 414U
- **Fault detection and alarm notification:** Fan failure and overheating. Audible alarm included
- **Operating temperature:** 0 ~ 50° C (32 ~ 122° F)
- **Relative humidity:** 10 ~ 95% @ 40° C, non-condensing
- **CE compliant**
- **UL, C-UL approved**



The IPC-615 features two 86 CFM cooling fans with air filter behind the front panel.

Power Supply Specifications

Model Name	Specifications				
	Watts	Input	Output	Mini-load	MTBF
RPS-250-SADT (AT Redundant)	250 W	110/220 V _{AC}	+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
PS-300 (AT)	300 W	110/220 V _{AC}	+5 V @ 33 A +12 V @ 9 A -5 V @ 0.5 A -12 V @ 2.5 A	+5 V @ 1 A +12 V @ 0.1 A	250,000 hours @ 40° 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-300X-DPS (ATX)	300 W	110/220 V _{AC}	+5 V @ 32 A +12 V @ 12 A +3.3 V @ 28 A -5 V @ 0.25 A -12 V @ 0.5 A +5 V SB @ 1 A	+5 V @ 2A +12 V @ 0.75 A +3.3 V @ 0.5 A	50,000 hours @ 50° C

UL/CSA/TÜV/CE approved

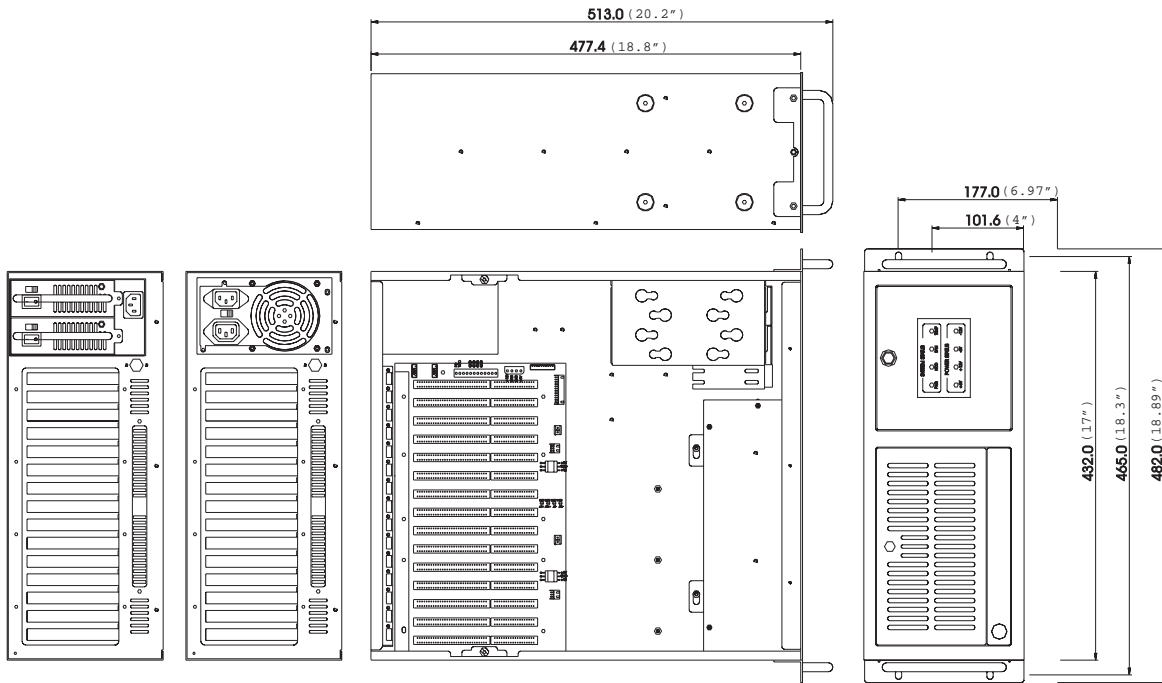


The IPC-615 is equipped with a 250 W hot swap redundant power supply. If one fails, the other will take the full load automatically.



Dimensions

Unit: mm (inch)



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-615BP4-25R	RPS-250-SADT	PCA-6114P4

Barebone Chassis (with power supply but no backplane)

Ordering P/N	With Power Supply
IPC-615B-300-01	PS-300
IPC-615B-31D-01	PS-310-DC48
IPC-615B-25R-01	RPS-250-SADT

Passive Backplane Options

Backplane	Slots per Segment (ISA/PCI/CPU)	Segment
PCA-6115	15 ISA	Single
PCA-6114P4	9 / 4 / 1	Single
PCA-6114P7	6 / 7 / 1	Single
PCA-6114P4R	9 / 4 / 1	Single
PCA-6114P10	3 / 10 / 1	Single