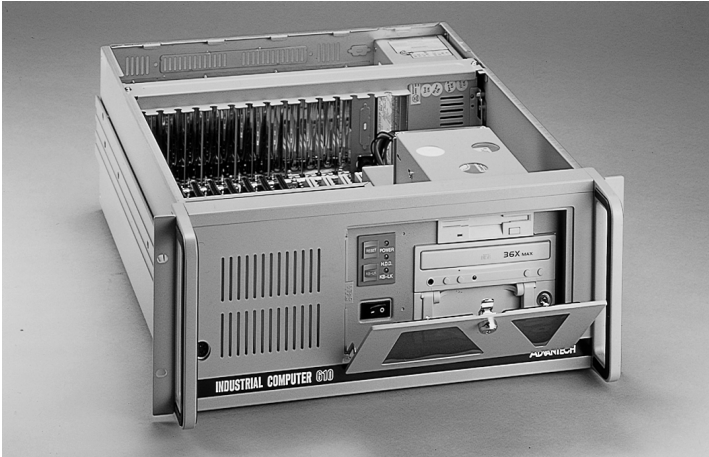


IPC-610

14-slot Rackmount IPC Chassis



Features

- The IPC-610 is designed to withstand environmental extremes such as shock, vibration and high temperature
- Supports 14-slot ISA or ISA/PCI backplanes
- Special versions support Baby-ATX mainboards and ATX mainboards
- Supports up to three front-access disk drives (two half-height, one 3.5") and one internal 3.5" HDD
- One 86 CFM cooling fan with air filter

Specifications

- **Construction:** Heavy-duty steel
- **Disk drive bay:** Supports up to two front-access half-height drives and one 3.5" FDD, as well as two internal 3.5" HDDs
- **Cooling fan:** One 86 CFM cooling fan with air filter
- **Controls:** Power On/Off switch and reset button
- **Keyboard connector:** Pre-wired 5-pin DIN connectors on both the front and rear panel
- **Indicators:** LEDs for power On/Off, HDD activity and keyboard lock
- ATX M/B version is also available
- **Dimensions (W x H x D):** 482 x 177 x 452 mm (19" x 7" x 17.8")
With ATX M/B, 50 mm deeper: 482 x 177 x 502 mm (19" x 7" x 19.76")
- **Weight:** 17.5 kg (38.5 lb)
- **Paint color:** PANTONE 414U
- **Operating temperature:** 0 ~ 50° C (32 ~ 122° F)
- **Relative humidity:** 5 ~ 95% @ 40° C, non-condensing
- **CE compliant**
- **UL, C-UL approved**



Shock resistant disk drive bay supports up to five disk drives

Power Supply Specifications

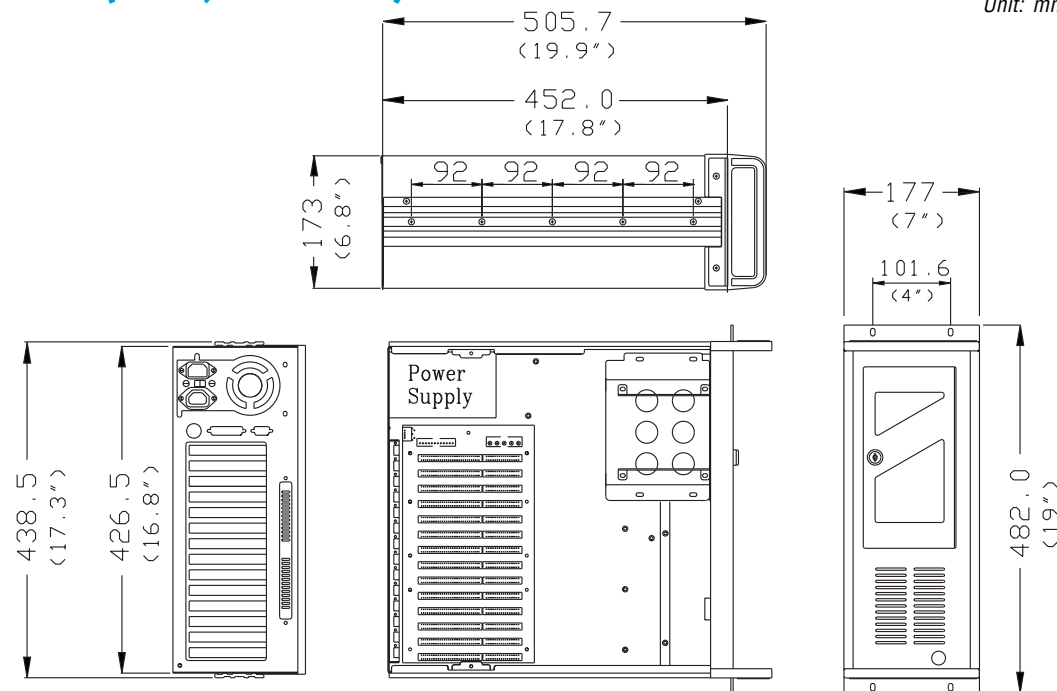
Model Name	Specifications				
	Watt	Input	Output	Mini-load	MTBF
PS-260-610E (AT)	260 W	110/220 V _{AC}	+5 V @ 25 A +12 V @ 9 A -5 V @ 0.5 A -12 V @ 2 A	+5 V @ 1 A +12 V @ 0.1 A	140,000 hours @ 50° C
PS-250-BPS (AT)	250 W	110/220 V _{AC}	+5 V @ 24 A +12 V @ 10 A -5 V @ 0.5 A -12 V @ 0.5 A	+5 V @ 5 A +12 V @ 1 A	25,000 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 VSB @ 1 A	+5 V @ 2 A +12 V @ 0.75 A +3.3 V @ 0.5 A	50,000 hours @ 50° C
RPS-250-SDTB (AT Redundant)	250 W	110/220 V _{AC}	+5 V @ 15 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	-48 V _{DC}	+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 @ 25° C

UL/CSA/TÜV/CE approved



Dimensions (for B/P Version)

Unit: mm (inch)



Ordering Information

For flexible system integration, Advantech provides the following integration options for your specific needs. Please kindly note the barebone models are equipped with power supplies but no backplane. 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-610-250-E	PS-250-BPS	PCA-6114
IPC-610P4-250-E	PS-250-BPS	PCA-6114P4
IPC-610P4-30XEA	PS-300X-DPS	PCA-6114P4

Barebone Chassis (with power supply but no backplane)

Ordering P/N	With Power Supply
IPC-610BP-25-EA	PS-250-BPS
IPC-610BP-26-EA	PS-260-610E
IPC-610BP-30PEA	PS-300
IPC-610BP-30XEA	PS-300X-DPS
IPC-610BP-31DEA	PS-310-DC48
IPC-610BP-25REA	RPS-250-SDTB

Chassis for Motherboard

Ordering P/N	With Power Supply
IPC-610MB-30XEA	PS-300X-DPS

Passive Backplane Options

Model Name	Slots per Segment (ISA/PCI/CPU)	Segment
PCA-6114	14 ISA	Single
PCA-6114P4	9 / 4 / 1	Single
PCA-6114P7	6 / 7 / 1	Single
PCA-6114P10	3 / 10 / 1	Single
PCA-6114P4R	9 / 4 / 1	Single