Hold-down Clamp
Adjustable rubber clamps protect add-in cards from vibration

High Efficiency Cooling Fans

Removable Air Filter

Lockable door for anti-dust requirement and security

Multi keyboard ports & multi hardware control to support multi-system applications

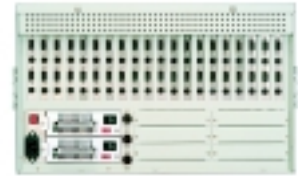Drive bays to accommodate application with high storage requirements

Power and Drive Bay Options

IAC-C820AR / C820AMR

IAC-C820A / C820AM



IAC-C820AH / C820AMH


Front View


IAC-C820A   IAC-820AM

Top View

■ IAC-C820A Series Chassis Features

- 6U EIA RS-310C Rack-mount chassis.
- Supports 20-slot ISA and PICMG Backplanes.
- Supports PS/2 and redundant power supply.
- High efficiency cooling fans with removable dust filters.
- Options for three to twelve 3.5" drive bays.
- Options for two to four 5.25" drive bays.
- Accommodates up to 20 full length cards.
- Four standard AT keyboard connectors in front and back of unit.
- 4 hardware reset switches, 4 power L.E.D., and 2 power switches.
- Supports Multi-system configuration (up to four segmented systems).
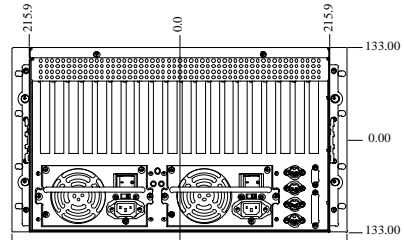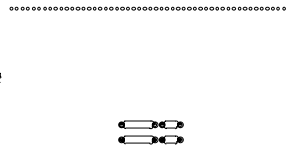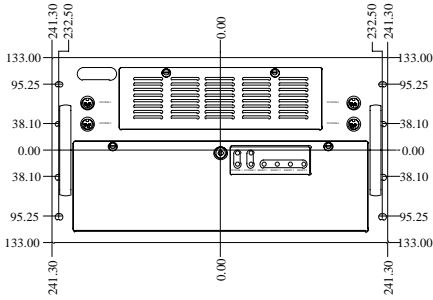
■ Operating Conditions

	Operating	Non-Operating
Temperature	32°F to113°F (0°C to 45°C)	32°F to158°F (0°C to 70°C)
Humidity	5% to 95%, non-condensing	5% to 95%, non-condensing
Shock	1G @ 10ms duration	10G @10ms duration
Vibration	0.25G @ 5 to 200Hz	1G @ 5 to 200Hz
Altitude	0 to 15,000ft (4,572 meter)	0 to 50,000ft (15,240 meter)
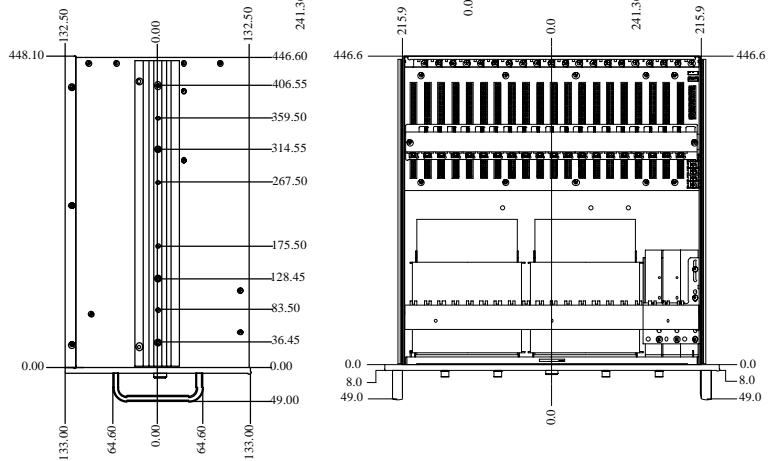
■ Physical Specifications

Model			C820A	C820AK	C820AR	C820AH	C820AM	C820AMK	C820AMR	C820AMH
Dimension (HxWxD)	inch / mm		6.97" x 18.98" x 19.75" / 177.0mm x 482.0mm x 501.6mm							
Shipping Size (HxWxD)	inch / mm		11.02" x 20.81" x 24.82" / 280.0mm x 528.5mm x 630.5mm							
Net Wt / Gross Wt.	kg		16.4 / 22	17 / 22.6	17 / 22.6	15.2 / 20.8	16.2 / 21.8	16.6 / 22.2	16.8 / 22.4	16 / 21.6
Backplane Options			AP-SL20, AP-SL20S, AP-PSL18D, AP-PSL19A , AP-PSL19B, AP-PSL19S & AP-PSL20Q							
Power Supply Options			PS/2 Type	PS/2 Type	BPS Redundant	RAH Redundant	PS/2 Type	PS/2 Type	BPS Redundant	RAH Redundant
Drive Bays	Fixed		N	N	N	N	1 x 3.5"	1 x 3.5"	1 x 3.5"	1 x 3.5"
	Removable		6 x 3.5" 2 x 5.25"	12 x 3.5" 2 x 5.25"	12 x 3.5" 2 x 5.25"	6 x 3.5" 2 x 5.25"	2 x 3.5" 4 x 5.25"	8 x 3.5" 4 x 5.25"	8 x 3.5" 4 x 5.25"	2 x 3.5" 4 x 5.25"
Fans	9.2cm DC Fan (51.1CFM)		4	4	4	4	4	4	4	4
	8.0cm DC Fan (35.5CFM)		1	N	N	N	1	N	N	N
Indicators & Controls			2 power on/off switches, 4 keyboard lock switches, 4 CPU reset switches, 4 power on/off LEDs, 4 HDD LEDs							
Keyboard Connector	Front		4	4	4	4	4	4	4	4
	Rear		4	3	3	4	4	3	3	4