

# - Chassis -

## 19" 6U 20-slot Chassis

# IAC-C820A



### ● FEATURES

- *Rugged construction for harsh industrial environments*
- *Meets EIA RS-310C rack-mounted standard*
- *20-slot ISA, 19-slot PCI/ISA PICMG or 18-slot (9+9) PCI/ISA PICMG passive backplane*
- *Four cooling fans to optimize cooling*
- *Hold-down clamp design to protect the plug-in cards*
- *Hinged and lockable door for anti-dust requirement and security*
- *Supports up to four systems within the same chassis*
- *Four sets of system controls including keyboard connectors, keyboard lock buttons, reset buttons and protected with a lockable dustproof door*

### ● SPECIFICATION

|                                  |   |
|----------------------------------|---|
| <b>Construction</b>              | Heavy duty steel, 19" rackmount chassis   |
| <b>Disk Drive Bays</b>           | Six 3.5" and Two 2.25" removable drives   |
| <b>Cooling Fan</b>               | Four 9.2cm DC Fans (51.1 CFM ea.) and one 9.2cm DC fan (51.1 CFM) extra only for C820A/C820AM |
| <b>Air Filter</b>                | Removable filter at front panel   |
| <b>Keyboard Connector</b>        | Four DIN connectors at the front panel and four DIN connectors at the rear panel              |
| <b>Controls</b>                  | Power ON/OFF, RESET, Key Lock buttons   |
| <b>Status Indicators</b>         | Power ON/OFFLED, four HDD status LED, reset status LED  |
| <b>Dimension (H x W x D)</b>     | 266.0 x 482.0 x 495.6mm (10.47" x 19" x 19.51")   |
| <b>Weight</b>                    | 16.4kgs (36.2 lbs)  |
| <b>Passive Backplanes Option</b> | Support 20-slot ISA or PICMG PCI/ISA Segmented backplane                                      |
| <b>Power Supply</b>              | PS/2 Type power supply<br>Redundant power supply  |

## Environmental Specification

|                              |                                     |
|------------------------------|-------------------------------------|
| <b>Operating Temperature</b> | 0°CXC ~ 50°CXC (32°FXF ~ 122°FXF)   |
| <b>Relative Humidity</b>     | 5% ~ 95%, non-condensing            |
| <b>Altitude</b>              | 10,000ft (3,000m)                   |
| <b>Vibration</b>             | 1.5G Max and 0.1" p-p at 5 to 500Hz |
| <b>Shock</b>                 | 10G peak acceleration (10m/sec)     |
| <b>Safety</b>                | Meets UI, CSA, and TUV              |
| <b>EMI</b>                   | FCC Class A and CE                  |

| Ordering Information |  |   |
|----------------------|--|---|
| Model                | Backplane Option   | Power Supply Options                      |
| <b>IAC-C820A</b>     | AP-SL20<br>AP-SL20D<br>AP-SL20Q<br>AP-SL20S                                | V525<br>ST-300WHT<br>400WSP2<br>BPS-250RD |
| <b>IAC-C820AH</b>    | AP-PSL18D<br>AP-SPL19A<br>AP-PSL19B<br>AP-PSL20Q<br>AP-PSL19A<br>IAC-BA19C | RAH-4300<br>RAH-4400                      |

### Notes: