**Type 15C, 4U – 19" Rack Mount/Desktop, Horizontal**

**Features**
- 19" Rack mount fully compliant to IEEE 1101.10/.11
- 4U x 84HP x 290mm (H x W x D)
- 4 or 6 slot, PICMG: 2.0, 2.16, 2.17, 2.20 backplanes (H.110 optional)
- Cooling front to rear (1 x 90 CFM), plug removable
- Advanced EMC shielding to meet CE, FCC Class A and NEBS
- Wide range of PSU inputs (90 – 264 VAC, 48 VDC)
- Wide range of PSU options: fix mount, plug in, N+1
- Shelf Management: PICMG 2.9, IPMI (optional)
- Ready to run – turnkey solution

**Scope of Supply**
High quality 19" rack mount chassis platform consisting of scratch resistant, powder coated alodined aluminum enclosures, high performance PICMG 2.0, 2.16, 2.17 backplane, power supply, cooling system and AC/DC power components. Assembled, wired and tested prior to shipment.

**Order Information**

<table>
<thead>
<tr>
<th>Description</th>
<th>Order Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>4U H x 84HP x 290mm D</td>
<td>15C04AD248Y3HC3X</td>
</tr>
<tr>
<td>4 slot, 6U x 160mm, front</td>
<td></td>
</tr>
<tr>
<td>4 slot, 6U x 80mm, rear I/O</td>
<td></td>
</tr>
<tr>
<td>4 slot BP, (PICMG 2.0, wo/H.110)</td>
<td></td>
</tr>
<tr>
<td>2 x 3.5&quot; devices</td>
<td></td>
</tr>
<tr>
<td>1 x 90 CFM fan, bottom to top cooling</td>
<td></td>
</tr>
<tr>
<td>1 x 300W, PSU – ATX, Fixed</td>
<td></td>
</tr>
</tbody>
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<tr>
<td>4U H x 84HP x 290mm D</td>
<td>15C06CC148Y3HB2X</td>
</tr>
<tr>
<td>6 slot, 6U x 160mm, front</td>
<td></td>
</tr>
<tr>
<td>6 slot, 6U x 80mm, rear I/O</td>
<td></td>
</tr>
<tr>
<td>6 slot BP, (PICMG 2.0, w/H.110)</td>
<td></td>
</tr>
<tr>
<td>1 x 3.5&quot;, devices</td>
<td></td>
</tr>
<tr>
<td>1 x 90 CFM fan, front to rear cooling</td>
<td></td>
</tr>
<tr>
<td>1 x 250W, PSU – Front, quick connect</td>
<td></td>
</tr>
</tbody>
</table>
**Line Drawings**

![Front View](image1.png)
![Top View](image2.png)
![Rear View](image3.png)

**Environmental**

<table>
<thead>
<tr>
<th>Operating</th>
<th>Storage/Transit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature: 0°C to +50°C</td>
<td>-20°C to +70°C</td>
</tr>
<tr>
<td>Altitude: 6000 ft (1,829m)</td>
<td>50,000 ft (15,240m)</td>
</tr>
<tr>
<td>Humidity: 5% to 95% Non-condensing</td>
<td>5% to 95% Non-condensing</td>
</tr>
<tr>
<td>Shock: 10 G's @ 11ms</td>
<td>15 G's @ 11ms (per ASTM 0775)</td>
</tr>
<tr>
<td>Vibration: 1.0 G's @ 10 to 330 Hz</td>
<td>1.2 G's @ 5 to 330 Hz</td>
</tr>
<tr>
<td>Agencies: Designed to meet UL60950, FCC Class A, A, CE</td>
<td></td>
</tr>
</tbody>
</table>

**Custom Configurations**

- **Backplane Configuration**
  - 00-21: Single BP, AA-YY: Split
  - 02 = 2 slot
  - 04 = 4 slot
  - 06 = 6 slot

- **Bare Board**
  - A = 6U Eco, ATX, (RSS)
  - B = 3U Rev. 2.0
  - C = 6U H110
  - D = 6U (LSS)
  - E = 2.16, 1 x FS (no H.110)
  - F = 2.16, 2 x FS (no H.110)
  - H = 2.16, 2 x FS (w/ H.110)
  - I = 2.16, 1 x FS (w/ H.110)
  - X = No BP installed
  - Z = Custom

- **BP Connector**
  - A = P1 & P2 S; No P3, P4, P5
  - B = P1 S, P2 L; No P3, P4, P5
  - C = P1, P2 & P4 S; P3 & P5 L
  - D = P1 & P2 S; P3, P4, P5 L
  - E = P1 S; P2, P3, P4, P5 L
  - F = P1 & P4 S; P2, P3, P5 L
  - G = P1 & P2 S; P3 L, no P4, P5
  - H = 2 x PC: P1, P2 & P4 S; P3 & P5 L
  - I = 2 x 47 PIN Power
  - X = No connectors
  - Z = Custom

- **Drives**
  - 1 = 1 X 3.5"
  - 2 = 2 X 3.5"
  - 3 = 1 X 5.25" HH
  - 4 = 2 X 5.25" HH
  - 6 = 2 X 3.5", 1 X 5.25" HH
  - 9 = 1 X 3.5", 1 X 5.25" HH
  - A = 1 x 2.5", 1 X CDROM (SL)
  - B = 2 x 2.5"
  - X = Not installed

- **Height**
  - 4 = 4U

- **Width**
  - 8 = 84T

- **Rear IO**
  - Y = Yes

- **Depth**
  - 3 = 290mm/305mm/340mm

- **Card Orientation**
  - H = Horizontal

- **PSU Input**
  - B = 90-230VAC (QC)
  - C = 90-230VAC (Fixed)
  - E = 110/220VAC (2 x HS, N+1)
  - G = 90-230VAC (Plug In)
  - H = 48VDC (Plug In)
  - K = 48VDC (Fixed)
  - L = 48VDC (2 x QC, N+1)
  - M = 48VDC (2 x HS, N+1)
  - P = 90-230VAC (3 x HS, N+1)
  - Q = 90-230VAC (Fixed)
  - R = 28VDC (Fixed)
  - S = 48VDC (3 x HS, N+1)
  - X = No PSU

- **PSU Output**
  - (Note: Not all PSU combinations available)
  - 1 = 150 W
  - 2 = 200/250 W (4U, 6U or fixed)
  - 3 = 300 W (4U/6U, ATX)
  - 4 = 350 W (6U plug in only)
  - 5 = 350 W (Brick)
  - 6 = 500 W (Brick)
  - 7 = 300 W (4U or 6U, PS2 Hot Swap)
  - 8 = 200 W (6U x 4T)
  - X = Not installed

- **Voltage I/O**
  - 3 = 3.3V
  - 5 = 5V