

## AdvancedTCA, 5U - 19" Rackmount AC



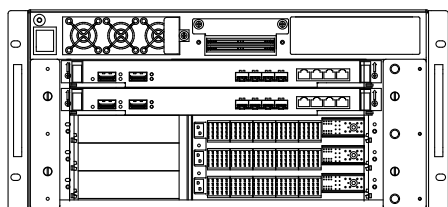
### FEATURES:

- 5U high
- Holds 5 ATCA blades
- 5 slot replicated mesh backplane
- RTM (with cooling)
- Dual Shelf Managers
- Dual removable fan trays
- 250 watts/slot cooling
- 1200 Watt, AC input PSU (N+1 optional)
- NEBS compliant removable air filter

### SCOPE OF SUPPLY

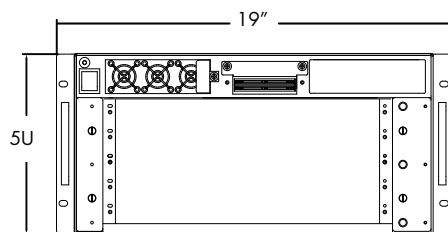
High quality 19" rackmount chassis platform consisting of pre-galvanized steel enclosures painted black: high performance PICMG 3.0 backplane, power supply (AC); cooling system and AC/DC power components. Assembled, wired and tested prior to shipment.

### ORDERING INFORMATION

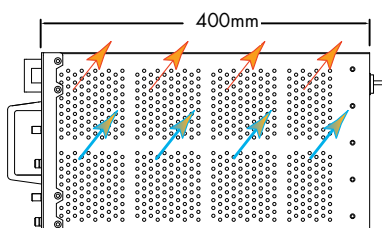


Description	Order Number
<ul style="list-style-type: none"> <li>■ 5UH x 19" W x 400mm D</li> <li>■ Holds 5, 8U x 280mm blades</li> <li>■ Holds 5, 8U x 80mm cards, rear I/O</li> <li>■ Redundant plug-in fan tray</li> <li>■ 5 slot replicated mesh backplane</li> <li>■ Provision for dual Shelf Manager (not installed)</li> <li>■ 1 x1200w, AC input PSU, (N+1 optional)</li> </ul>	11A05FJB58Y4HGBX

## LINE DRAWINGS

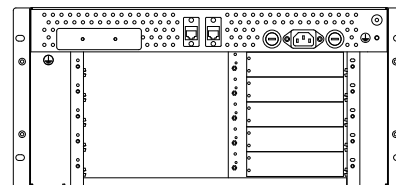


Front View



Air Flow - Side to Side

Side View



Rear View

## ENVIRONMENTAL

	Operating	Storage / Transit
<b>Temperature:</b>	0°C to +50°C	-20°C to +70°C
<b>Altitude:</b>	6000 ft. (1,829m)	50,000 ft. (15,240m)
<b>Humidity:</b>	5% to 95% Non condensing	5% to 95% Non condensing
<b>Shock:</b>	10 Gs @ 11ms	15 Gs @ 11ms (per ASTM 0775)
<b>Vibration:</b>	1.0 Gs @ 10 to 330 Hz	1.2 Gs @ 5 to 330 Hz
<b>Agencies:</b>	Designed to meet UL 1950, FCC Class A or B, CE	

## CUSTOM CONFIGURATIONS

1 1A ☐ ☐ ☐ ☐ ☐ 5 8 ☐ 3 H ☐ ☐ ☐

☐ NUMBER OF SLOTS BP  
00-21: Single BP; AY-YA: Split  
05 = 5 slot

☐ BP BARE BOARD  
F = 2 x SM (Bussed IPMB)  
G = 2 x SM (Radial IPMB)  
Z = Custom

☐ FABRIC ARCHITECTURE  
G = Dual Star  
H = Mesh  
J = Replicated Mesh  
Z = Custom

☐ COOLING  
A = 1 x Tray (plug in)  
B = 2 x Tray (plug in)  
Z = Custom

☐ HEIGHT  
5 = 5U

☐ WIDTH  
8 = 84 T

☐ REAR I/O  
N = No  
Y = Yes

☐ DEPTH  
4 = 400 - 499mm

☐ CARD ORIENTATION  
H = Horizontal

☐ PSU INPUT  
C = 90 - 230VAC (Fixed)  
G = 90 - 230VAC (Plug-in)  
H = 48VDC  
M = Dual 48VDC  
P = 90-230VAC(2 x HS, N+1)  
X = No PSU

☐ PSU OUTPUT  
(NOT ALL PSU COMBINATIONS AVAILABLE)  
2 = 200 - 299 watts  
3 = 300 - 399 watts  
4 = 400 - 499 watts  
5 = 500 - 599 watts  
6 = 600 - 699 watts  
8 = 800 - 899 watts  
A = 1000 - 1199 watts  
B = 1200 watt  
X = Not Installed

☐ SHELF MANAGER (Installed)  
R = 1 x Fixed  
S = 1 x Plug in  
D = 2 x Plug in  
X = Not Installed

\*NOTE: Elma's radial IPMB signals are radially connected across the backplane to the Shelf ManagerCarrier Card. The Shmm 500 IPM module resides on the carrier card where these connections are bussed.