AdvancedTCA, 3U - 19" Rackmount

AC

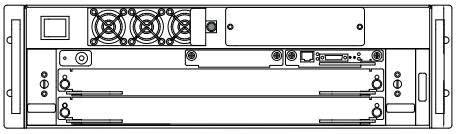
FEATURES:

- 3U High 19" Rack mount
- Depth 16" (407mm)
- 2 Slot ATCA backplane
- Two blade slots (8Ux280mm)
- Two RTM board slots (8Ux80mm)
- Dual shelf manager capability
- Dual fan trays, push/pull configuration
- Air filter tray
- Dual plug-in 1200W Power supply (optional)
- 2 Slot Replicated mesh backplane

SCOPE OF SUPPLY

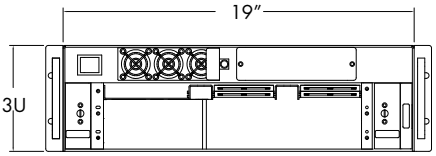
High quality 19" rackmount chassis platform consisting of pre-galvanized steel enclosures painted black: high performance PICMG 3.0 backplane, power supply (AC), cooling system and AC/DC power components. Assembled, wired and tested prior to shipment.

ORDERING INFORMATION

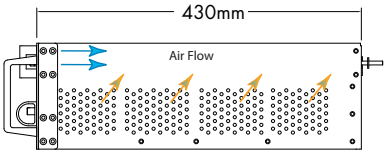


Description	Order Number
■ 3U H x 19" W x 403mm D ■ Holds two, 8U x 280mm blades ■ Holds two, 8U x 80mm, Rear I/O ■ Redundant plug-in fan trays ■ 2 slot replicated mesh backplane ■ Provision for dual Shelf Manager (not installed) ■ 1 x 1200w, AC input PSU (n+1 optional)	11A02FJB38Y4HGBX

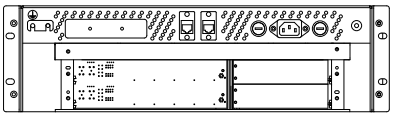
LINE DRAWINGS



Front View



Side View



Rear View

ENVIRONMENTAL

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

CUSTOM CONFIGURATIONS

11A ❑ ❑ ❑ ❑ ❑ 3 8 Y 4 H ❑ B ❑

❑❑ NUMBER OF SLOTS BP
00-21: Single BP; AY-YA: Split
02 = 2 slot
05 = 5 slot
06 = 6 slot
14 = 14 slot

❑ BP BARE BOARD
E = 1 x SM
F = 2 x SM (Bussed IPMB)
G = 2 x SM (Radial IPMB)
Z = Custom

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

❑ COOLING
A = 1 x Tray (plug in)
B = 2 x Tray (plug in)
C = 3 x Tray (Plug in)
Z = Custom

❑ HEIGHT
1 =1U
2 = 2U
4 = 4U
5 = 5U
C = 12U
D = 13U

❑ WIDTH
8 = 84 T
E = ETSI

❑ REAR I/O
N = No
Y = Yes

❑ DEPTH
2 = 200 - 299mm
3 = 300 - 399mm
4 = 400 - 499mm

❑ CARD ORIENTATION
V = Vertical
H = Horizontal

❑ PSU INPUT
C = 90 - 230VAC (Fixed)
G = 90 - 230VAC (Plug-in)
H = 48VDC
M = Dual 48VDC
N = Quad 48VDC
P = 90-230VAC(2 x HS, N+1)
Q = 90-230VAC(3 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 - 1299 watts
C = 1600 - 1799 watts
D = 1800 - 1999 watts
E = 2000 - 2199 watts
F = 2200 - 2399 watts
G = 2400 - 2599 watts
H = 2600 - 2799 watts
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.