

VITA System 14 Horizontal Enclosure (4U)



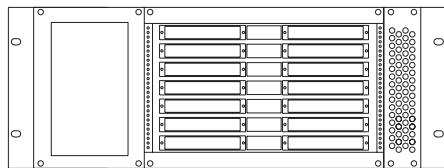
FEATURES:

- 19" Rackmount/Desktop fully compliant to Eurocard and IEEE standards
- 4U x 84HP (H x W)
- 6U horizontal card mounting
- 5 to 7 slot standard VITA-Based System Platforms (VME, VME64x, VPX, VXS, VXI)
- Scratch resistant, vinyl clad aluminum
- Cooling front to rear
- Wide range of PSU inputs (90 - 264 VAC, 48 VDC)
- Fixed-mount or front pluggable PSUs with redundant hot swap options
- System monitoring for DC voltages, fan fail and over temp (optional)
- Connector options: 3 Row (96 PIN), 5 Row (160 PIN), 5 Row + PO
- Ready to run - turnkey solution

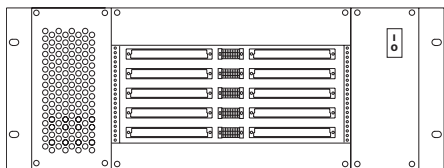
SCOPE OF SUPPLY

High quality 19" rackmount chassis platform consisting of vinyl clad aluminum enclosures, high performance VITA System backplane, power supply, cooling system and AC/DC power components. Assembled, wired and tested prior to shipment.

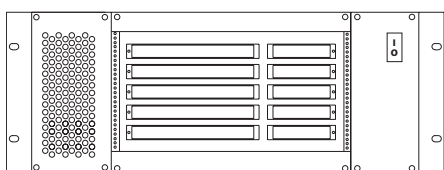
ORDERING INFORMATION



Description	Order Number
<ul style="list-style-type: none"> ■ 7"(H) x 17"(W) x 16.25"(D) ■ Holds 7, 6U x 160mm Cards ■ 7 Slot VME or VME64x Backplane ■ 2 x 5.25"HH Devices ■ 1 x 114 CFM Fan ■ 250W: +5V/40A; +12V/6A; -12V/6A; 3.3V/20A 	14V07MM448N4HCBO VME
	14V07OP448N4HCBO 64X

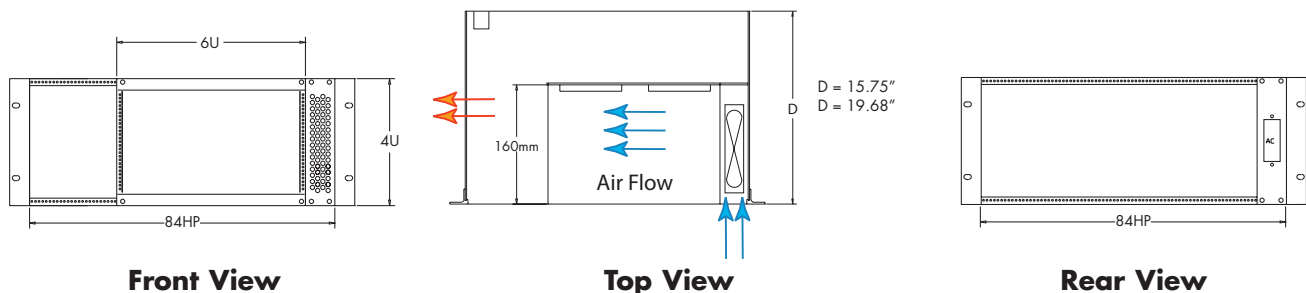


Description	Order Number
<ul style="list-style-type: none"> ■ 7"(H) x 17"(W) x 16.25"(D) ■ Holds 7, 6U x 160mm Cards ■ 5 Slot VXS Dual Star Backplane ■ No Device Mounting ■ 1 x 114 CFM Fan ■ 250W: +5V/35A; +12V/18A; -12V/1A; 3.3V/38A 	14V05LLX48N4HCBO VXS



Description	Order Number
<ul style="list-style-type: none"> ■ 7"(H) x 17"(W) x 16.25"(D) ■ Holds 5, 6U x 160mm Cards ■ 5 Slot VPX Backplane ■ No Device Mounting ■ 1 x 114 CFM Fan ■ 250W: +5V/35A; +12V/18A; -12V/1A; 3.3V/38A 	14V05PSX48N4HCBO VPX

LINE DRAWINGS



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:	8 G's @ 11ms	10 G's @ 11ms (per ASTM 0775)
Vibration:	1.0 G's @ 10 to 330 Hz	1.2 G's @ 5 to 330 Hz
Agencies:	Designed to meet UL 1950	
Weight:	Approx: 20lbs	

CUSTOM CONFIGURATIONS

14 V 4 8 H

- NUMBER OF SLOTS
00-21: Single BP; AY-YA: Split
Example 7 slot = 07
Example 12 + 9 = 11

- BP BARE BOARD
K = VITA 31.1
L = VXS (Dual Star)
M = V64, J12 mono, 3 row
N = VME64x, 6U
O = VME64x, 7U
P = VPX, 6U (VITA 46)
W = VPX, 3U (VITA 46)
Q = J1 only
R = J1/J2 Separate
S = VXS (Star)
T = VXS (Mesh)
V = JO
X = No BP Installed
Y = Hybrid
Z = Custom

- BP CONNECTOR
(CONFIGURATION J1/J2/PO)
L = 5 row, RT-2 PO & SW
M = 3 row, J1 flush, J2 13mm
N = 3 row, J1/J2, 17mm
O = 5 row, w/o PO
P = 5 row, w/ PO
Q = 3 row, 13mm
R = 3 row, 17mm
S = RT-2 (JO-J6) 6U
U = RT-2 (JO-J2) 3U
X = No Connectors
Y = Hybrid
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
9 = 1 x 3.5", 1 x 5.25" HH
A = 1 x 2.5", 1 x CDR (SL)
B = 2 x 2.5"
D = 1 x slim line CDR
X = No Mounting

- HEIGHT
4 = 4U

- WIDTH
8 = 84 T

- REAR I/O
N = No
Y = Yes

- DEPTH
3 = 300mm - 399mm
4 = 400mm - 499mm

- CARD ORIENTATION
H = Horizontal

- PSU INPUT
A = 110/220VAC (Plug-in)
C = 90-230VAC (Fixed)
E = 110/220VAC (2xHS, N+1)
G = 90-230VAC (Plug-in)
H = 48VDC (Plug-in)
K = 48VDC (Fixed)
M = 48VDC (2xHS, N+1)
N = 28VDC (Fixed)
O = 28VDC (2xHS, N+1)
P = 90-230VAC (2xHS, N+1)
X = No PSU

- PSU OUTPUT
(NOT ALL PSU COMBINATIONS AVAILABLE)
1 = 100 - 199 watts (w/o 3.3V)
2 = 200 - 299 watts (w/o 3.3V)
3 = 300 - 399 watts (w/o 3.3V)
4 = 400 - 499 watts (w/o 3.3V)
A = 100 - 199 watts (w 3.3V)
B = 200 - 299 watts (w 3.3V)
C = 300 - 399 watts (w 3.3V)
D = 400 - 499 watts (w 3.3V)
X = Not Installed

- SHIELDING LEVEL
0 = Level 0
1 = Level 1
2 = Level 2
X = Not Installed