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VITA System 15 Vertical Enclosure (9U)

ELMA
Your Solution Partner



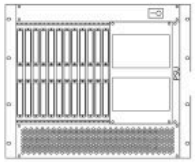
FEATURES:

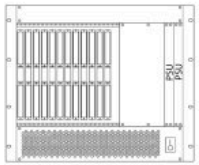
- Elegant design for 19" Rackmount or Desktop
- 4U x 84HP (H x W)
- 6U horizontal card mounting
- 2 to 18 slot VITA-Based System Platforms (VME, VME64x, VPX, VXS, VXI)
- Advanced EMC shielding to meet CE and FCC
- Cooling front to rear
- Wide range of PSU inputs (90 - 264 VAC, 48 VDC)
- Fixed-mount or 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 + P0
- Ready to run - turnkey solution

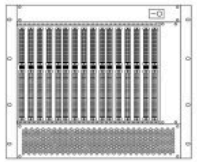
SCOPE OF SUPPLY

High quality 19" rackmount/desktop chassis platform consisting of scratch resistant, powder coated alodined 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







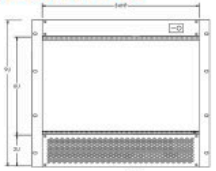
Description	Order Number
■ 15.75"(H) x 17"(W) x 290mm(D) ■ Holds 12, 6U x 160mm Cards ■ 12 Slot VME or VME64x Backplane ■ 4 x 5.25"HH Devices ■ 2 x 114 CFM Fans, 2 x 7 CFM Blowers ■ 1 x 500 watt Plug-in PSU: 5V/60A; +12V/12A; -12V/4A; 3.3V/60A; ■ Rear I/O (Plug-in)	15V12OP598Y2VGE2 **64X**

Description	Order Number
■ 15.75"(H) x 17"(W) x 290mm(D) ■ Holds 12, 60 x 160mm Cards ■ 12 Slot VME64x Backplane ■ No Devices ■ 3 x 114 CFM Fans ■ 2 X 500 watt Plug-in PSU: 5V/60A; +12V/12A; -12V/4A; 3.3V/60A; ■ Rear I/O (Plug-in)	15V12OPX98Y2VPE2 **64X**

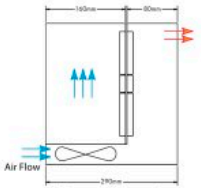
Description	Order Number
■ 15.75" (H) x 17"(W) x 290mm(D) ■ Holds 16, 6U x 160mm Cards (1") ■ Holds 16, 6U x 80mm RTMs ■ 16 Slot oVPX Backplane (K2J-X1)* ■ No Device Mounting ■ 3 x100 CFM Fans ■ 800W: 5V/120A; +12V/12A; -12V/10A; 3.3V/40A;	15V16AVX98Y2VCH2 **VPX**

** see Topology Graph page 108 for details*

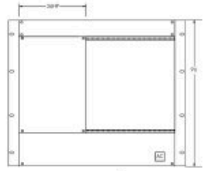
LINE DRAWINGS



Front View



Right 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 60950, FCC, CE	
Weight:	Approx: 34lbs	

CUSTOM CONFIGURATIONS

15 V ❑❑❑❑❑ 9 8 ❑ 2 V ❑❑❑

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

❑ BP BARE BOARD
A = oVPX, 6U, 1" (VITA 65)
B = oVPX, 3U, 1" (VITA 65)
C = oVPX, 6U, .8" (VITA 65)
D = oVPX, 3U, .8" (VITA 65)
H = oVPX, 6U, 1" + .8" (VITA 65)
I = oVPX, 3U, 1"+ .8 (VITA 65)
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)
S = VXS Star
T = VXS (Mesh)
X = No BP Installed
Z = Custom

❑ BP CONNECTOR
(CONFIGURATION J1/J2/P0)
L = 5 row, RT-2 P0 & SW
M = 3 row, J1 flush, J2 13mm
O = 5 row, w/o P0
P = 5 row, w/ P0
S = RT-2 (J0-J6) 6U
U = RT-2 (J0-J2) 3U
V = RT-2(J0-J6) 6U, RTM
W = RT-2 (J0-J2) 3U, RTM
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
5 = 4 x 5.25" HH
6 = 2 x 3.5", 1 x 5.25" HH
7 = 1 x 3.5", 2 x 5.25" HH
8 = 2 x 3.5", 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 CDROM
X = No Mounting

❑ HEIGHT
9 = 9U

❑ WIDTH
8 = 84 T

❑ REAR I/O
N = No
Y = Yes

❑ DEPTH
2 = 200mm - 299mm

❑ CARD ORIENTATION
V = Vertical

❑ PSU INPUT
A = 110/220VAC (Plug-in)
C = 90-230VAC (Fixed)
E = 110/220VAC (2 x HS, N + 1)
G = 90-230VAC (Plug-in)
H = 48VDC (Plug-in)
K = 48VDC (Fixed)
M = 48VDC (2 x HS, N + 1)
N = 28VDC (Fixed)
O = 28VDC (2 x HS, N+1)
P = 90-230VAC (2 x HS, 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)
5 = 500 - 599 watts (w/o 3.3V)
6 = 600 - 699 watts (w/o 3.3V)
7 = 700 - 799 watts (w/o 3.3V)
8 = 800 - 899 watts (w/o 3.3V)
9 = 900 - 999 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)
E = 500 - 599 watts (w 3.3V)
F = 600 - 699 watts (w 3.3V)
G = 700 - 799 watts (w 3.3V)
H = 800 - 899 watts (w 3.3V)
I = 900 - 999 watts (w 3.3V)
J = 1000 - 1099 watts (w 3.3V)
K = 1100 - 1199 watts (w 3.3V)
L = 1200 - 1299 watts (w 3.3V)
M = 1300 - 1399 watts (w 3.3V)
X = Not Installed

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

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