ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Elma 12VHHKZXC8N5VCN0-PC* at our website: *Click HERE*

VITA System 12 Vertical Large (12U)

ELMA
Your Solution Partner



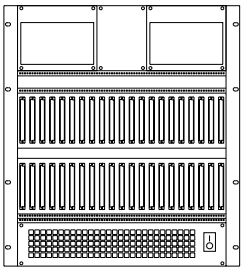
FEATURES:

- 19" Rackmount fully compliant to Eurocard and IEEE standards
- 12U x 84HP x 20" (H x W x D)
- 6U vertical card mounting, recessed 60mm
- 2 to 21 slot VITA-Based System Platforms (VME, VME64x, 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
- Standard Drive mounting

SCOPE OF SUPPLY

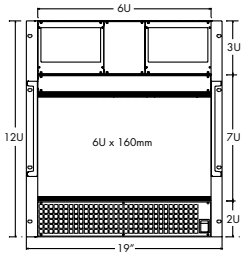
High quality 19" rackmount chassis platform consisting of alodined aluminum enclosures, high performance VITA System backplane, power supply, cooling system and AC/DC power components. Assembled, wired and tested prior to shipment.

ORDERING INFORMATION

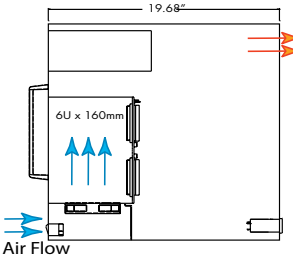


Description	Order Number
■ 21"(H) x 17"(W) x 19.68"(D) ■ Holds 21, 6U x 160mm Cards ■ 21 Slot VME or VME64x Backplane ■ Holds 4 x 5.25" HH Devices ■ 3 x 100 CFM Fans, 12V DC Fans ■ 750W: 5V/120A; +12V/12A; -12V/10A	12V21MM5C8N5VC90 **VME** 12V21OP5C8N5VC90 **64X**

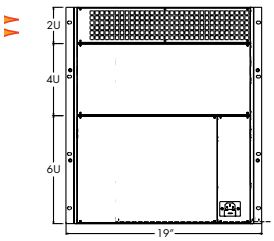
LINE DRAWINGS



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, A, B, CE	
Weight	Approx: 36lbs	

CUSTOM CONFIGURATIONS

12 V ❑ ❑ ❑ ❑ ❑ C 8 ❑ 5 V ❑ ❑ ❑

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

❑ 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/PO)
L = 5 row, RT-2 PO & SW
M = 3 row, J1 flush, J2 13mm
O = 5 row, w/o PO
P = 5 row, w/ PO
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
C = 12U

❑ WIDTH
8 = 84 T

❑ REAR I/O
N = No
Y = Yes

❑ DEPTH
5 = 500mm - 599mm

❑ 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)
N = 1400 - 1499 watts (w 3.3V)
X = Not Installed

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

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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