

System 39 E-Frame



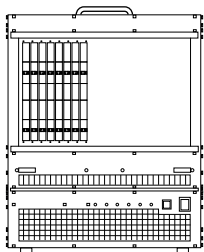
FEATURES:

- Modular, open frame, test and development platform
- Versions supporting 3U or 6U cards
- Full width versions (84T)
- Holds 6U x 160mm cards from front
- RTM mounting (rear transition module)
- Architectures PICMG: 2.0, 2.16, 2.17, EXP.0 backplanes (H.110 optional)
- Rear AC power input module with GND stud
- System monitoring with RS232 interface (optional)
- High performance cooling via front and rear mount fan trays
- Speed controlled fans with fan fail indication
- Durable, black powder coat finish
- Top handle for easy portability
- Front accessible test points and monitoring LEDs for: 3.3V,+5V, +-12V, +- 24V & +-48V
- Fixed and plug mount PSU options: 90-230VAC, 24VDC, 48VDC

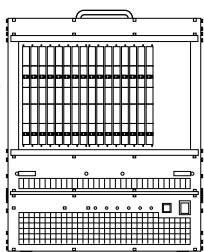
SCOPE OF SUPPLY

High quality, open frame, aluminum chassis consisting of: front card cage, RTM support, high performance PICMG 2.0, 2.16, EXP.0 backplane compliant backplane, front/rear fan trays, AC/DC power components, ESD jack, DC test points, DC LED indicators, Fan Fail LED and System monitor with Ethernet control (optional). Assembled, wired and tested.

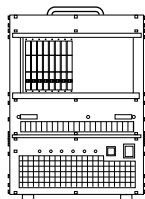
ORDERING INFORMATION



Description	Order Number
<ul style="list-style-type: none"> ■ 12U H x 84HP W x 300 mm D ■ Vertical front mount 6U x160 mm cards ■ Rear I/O 6U x 80mm cards ■ 8-slot cPCI backplane, 6U, 2.0 ■ 350W: Plugin PSU ■ 90-264 VAC input voltage 	39E08ADXC8Y3VG3X

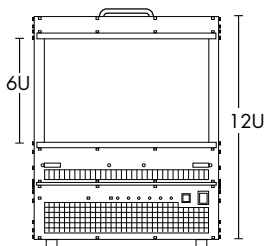


Description	Order Number
<ul style="list-style-type: none"> ■ 12U H x 84HP x 300 mm ■ Vertical front mount 6U x 160mm cards ■ Rear I/O 6U x 80mm cards ■ 16 slot cPCI backplane, 6U, 2.0, w/H.110 ■ 90-264 VAC input voltage 800W: +3.3V@20A, +12V@4.2A, -12V@66.8A ■ 90-264 VAC input voltage 	39E16CCXC8Y3VCHX

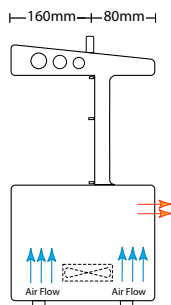


Description	Order Number
<ul style="list-style-type: none"> ■ 9U H x 42HP x 300 mm ■ Vertical front mount 3U x 160mm cards ■ Rear I/O 3U x 80mm cards ■ 8-Slot cPCI backplane, 3U, 2.0 ■ 250W: CPCI Plugin PSU ■ 90-264 VAC input voltage 	39E08BBX98YVG2X

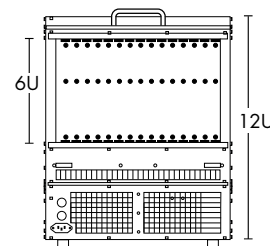
LINE DRAWINGS



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, CE	

CUSTOM CONFIGURATIONS

39E **Y3V**

NUMBER OF SLOTS

00-21: Single BP; AY-YA: Split
 02 = 2 slot
 04 = 4 slot
 06 = 6 slot
 08 = 8 slot

BP BARE BOARD

A = 6U Std, ATX, (RSS)
 B = 3U Rev. 2.0
 C = 6U H110
 D = 6U (LSS)
 E = 2.16, 1 x FS (no H.110)
 F = 2.16, 2 x FS (no H.110)
 H = 2.16, 2 x FS (w/ H.110)
 I = 2.16, 1 x FS (w/ H.110)
 J = 2.17, 1 x FS (no H.110)
 L = PCIe (1 SS, 1 x type, 2 x type2)
 M = 9U horiz. Rev 2.0
 U = C EX (1 SS, 1 x type1, 2 x type2, 2 cPCI)
 X = No BP installed
 Z = Custom

BP CONNECTOR

(CONFIGURATION: P1 - P5)
 A = P1 & P2 S; No P3, P4, P5
 B = P1 S, P2 L; No P3, P4, P5
 C = P1, P2 & P4 S; P3 & P5 L
 D = P1 & P2 S; P3, P4, P5 L
 E = P1 S; P2, P3, P4, P5 L
 F = P1 & P4 S; P2, P3, P5 L
 G = P1 & P2 S; P3 L, no P4, P5
 H = 2 x PC: P1, P2 & P4 S; P3 & P5 L
 I = 2 x 47 PIN power
 X = No connectors
 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 CDROM (SL)
 B = 2 x 2.5"
 X = Not Installed

HEIGHT

9 = 9U
 C = 12U

WIDTH

8 = 84 T

REAR I/O

Y = Yes

DEPTH

3 = 300 - 399mm

CARD ORIENTATION

V = Vertical

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)

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)
 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)
 O = 1500 - 1599 watts (w 3.3V)
 X = Not Installed

VOLTAGE I/O

3 = 3.3V (Default)
 5 = 5V
 X = Not Installed