

## DESCRIPTION

Designed to meet VITA 65, the 9 slot Open VPX backplane features a data plane with one switch slot and 1 fat pipe routed to slot 1 and slots 5 - 9. A fat pipe is routed from slot 1 to slots 2 and 3. The control plane features an integrated switch slot with one ultra thin pipe routed to each payload slot. One control plane ultra thin pipe is available on the rear of each payload slot.

## FEATURES

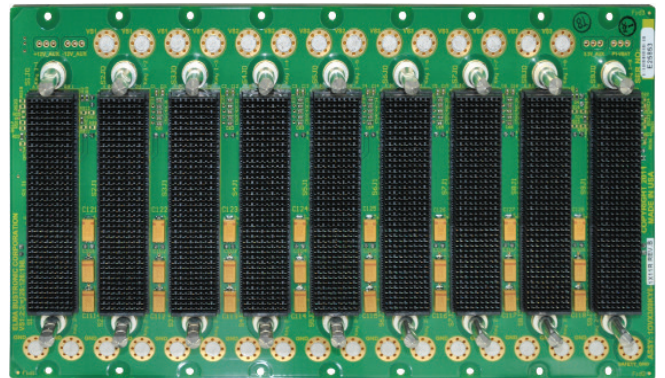
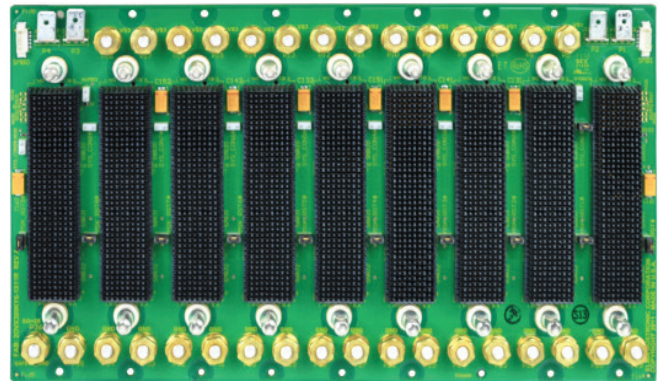
- Compliant to the VITA 65 Standard.
- Uses the rugged 3U-160 Eurocard form factor
- High-speed EPT Velox connector
- Provides built in ESD ground protection in every slot

## BOARD SPECIFICATIONS

- 16 layers
- 1 oz. copper power and ground
- 212" thick PCB, FR-4 or equivalent

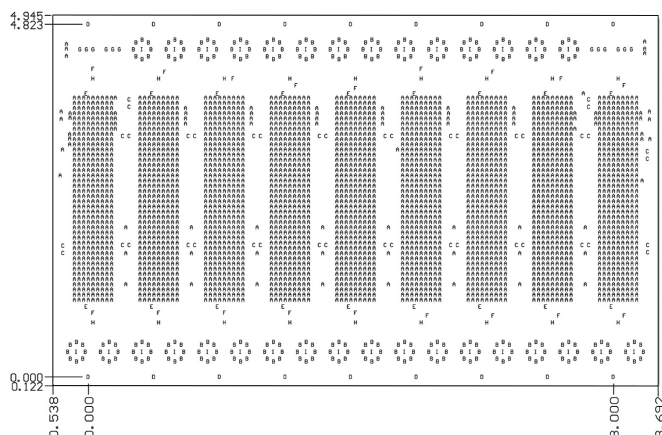
## MECHANICAL SPECIFICATIONS

- 5.067" high X 9.23" wide



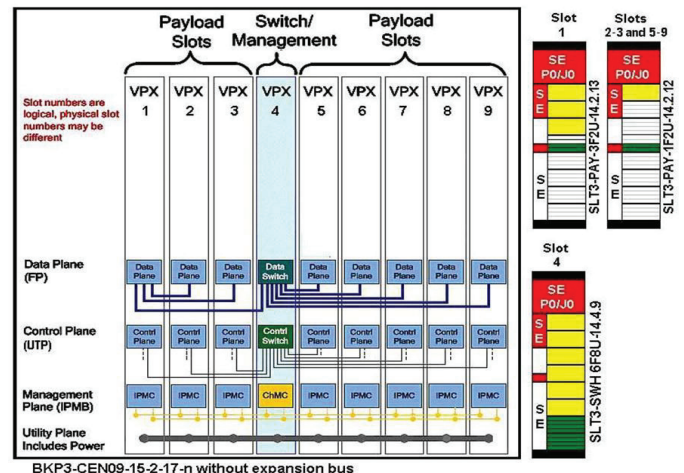
## DRAWINGS

## BACKPLANE DESIGN



## TOPOLOGY

## BACKPLANE DESIGN

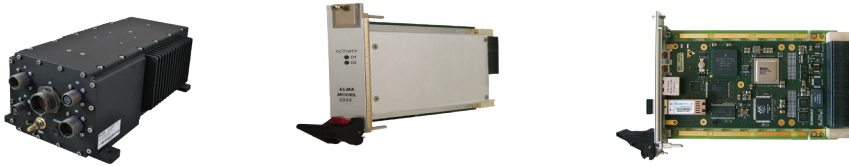


**3U 9-SLOT OpenVPX BACKPLANE**

BKP3-CEN09-15.2.17X-3

**APPLICATIONS**

- › High speed image data recording for surveillance applications
- › Rugged data acquisition and storage for mission management or navigational control
- › Target tracking and high definition data capture in ground, air and shipboard systems
- › Any application requiring high speed, high capacity data record, capture and secure storage

**RELATED PRODUCTS**

- › Load boards convection or conduction cooled
- › Rear Transition Modules for I/O
- › Intel & Freescale Single Board Computers
- › Blade level networking boards (Ethernet, PCI Express)
- › Rackmount, desktop, and ATR chassis platforms
- › Ruggedization programs

**ORDERING INFORMATION**

Height	Total Slots	Description	Profile Number	Part Number
3U	9	Single star data and control plane. Gbraud rate 6.25	BKP3-CEN09-15.2.17X-3	1OVX309KY6-1X11R

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**Please contact our sales team for more details.**

China: +86 21 5866 5908  
France: +33 388 56 72 50

Germany: +49 7231 97 34 0  
Israel: +972 3 930 50 25

Singapore: +65 6479 8552  
Switzerland: +41 44 933 41 11

United Kingdom: +44 1234 838 822  
United States: +1 510 656 3400