



P-XLe chassis are open-architecture platforms combining the vast ecosystem of PXI and PXIe instruments available today with the ability to field new instruments requiring larger form-factor cards. The patented P-XLe platform allows for more effective design space than the commercially obsolete VXI form factor. P-XLe leverages backplane technology from National Instruments, ensuring universal interoperability, scale, and support .

Key Features:

- *Perfect for High Channel Count Applications, such as switching, and RF signal conditioning*
- *8U chassis fits in the same or less space as legacy VXI Chassis*
- *An open architecture platform capable of mixing PXI, PXIe, and P-XLe modules*
- *Cost effective alternative for complex design vs. the AXIe platform.*
- *Third-Party Instrument development welcomed*
- *“Out of the Box” integration with mechanical connectivity solutions from Virginia Panel and Mac-Panel*
- *I/O Availability from the back of the chassis, an industry first.*
- *NI-Inside*

Applications Include:

- *Complex integration of RF and Microwave Applications*
- *Core ATE Switching Platform*
- *VXI Obsolescence Replacement*
- *Modular Power Storage Device Testing*

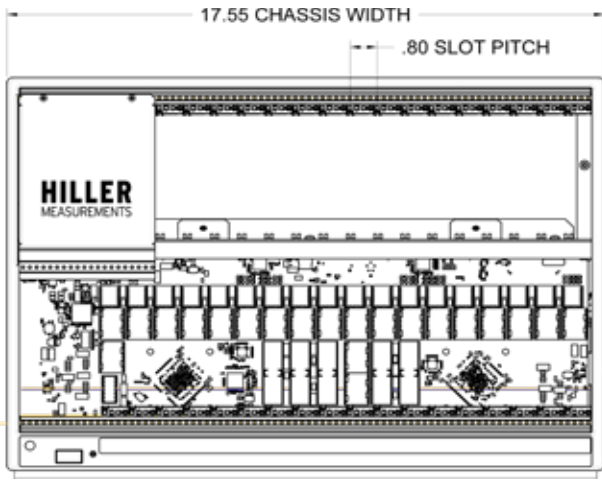


Figure 1 HM P-XLe 1084 Front View



Figure 2 HM P-XLe 1084 Back View

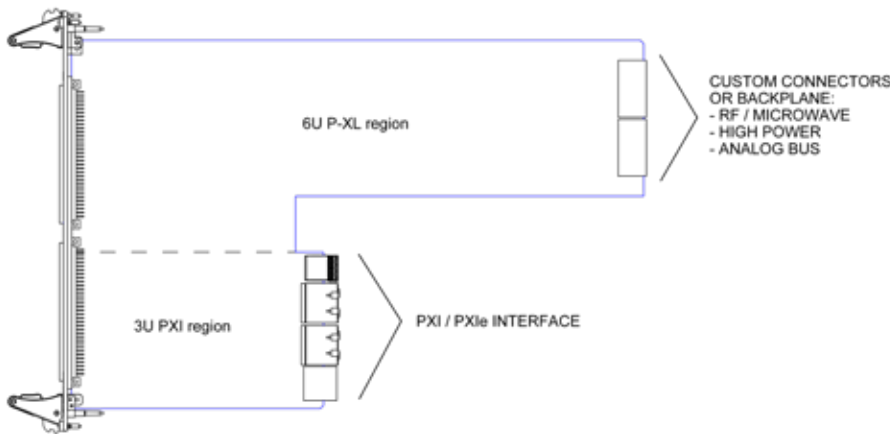


Figure 3 P-XLe Instrument Form Factor

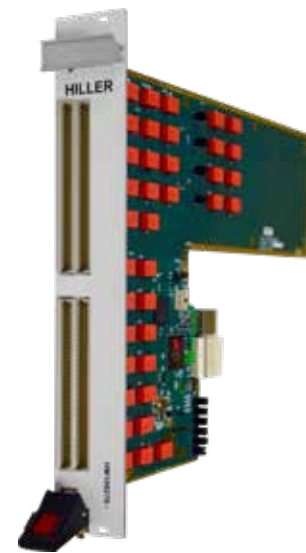


Figure 4 P-XLe VXI Replacement Switch (Dual 1x48 MUX)

Ordering Information

Chassis	Total Slots	Hybrid Slots	PXLe-Only Slots	PXI-Only Slots	System Bandwidth	Slot Bandwidth	Slot Cooling Capacity	Power Supply Type	Redundant Hardware
HM P-XLe-1084	18	17	0	0	4 GB/s	500 MB/s	58 W	AC	No
HM P-XLe-1095	18	5	11+1 ST	0	24 GB/s	8 GB/s	82 W	AC	Yes

Product Line	Description
HM P-XLe 2xxx	Family of Power Switches
HM P-XLe 3xxx	Family of Multiplexers
HM P-XLe 4xxx	Family of Matrix Cards
HM P-XLe 5xxx	Family of Relay Cards

Product Line	Type
HM P-XLe 6xxx	Family of Frequency Upconverters
HM P-XLe 7xxx	Family of Frequency Downconverters
HM P-XLe 8xxx	Instruments
HM P-XLe 9xxx	Custom Cards available on request