PXI Systems

ELMA
Your Solution Partner

Type 12 PXI System

- 9U High x 17" Wide x 20" Deep
- 11 Slot Custom PXI Backplane
- 350 Watt cPCI PSU (+5V@50A, +3.3V@40A, +12V@12A, -12V@4A (Combined +5V and +3.3V, not to exceed 60A)
- Vicor PSU, with 50mV or less. +12V@4.2A, -12V@4.2A, +5.5V@72A, -6V@7.7A, +24V@2.1A, -24@21.A, +1.8V@30A
- Three DC fans, below the card cage, for lower front to upper rear cooling over temp power supply shutdown for PXI power supply only
- 12 test points, on the front status and control panel
- 4 DB9 connectors, on the front status and control panel
- On/off switch, on the front status and control panel
- AC inlet with fuses, on the front status and control panel
- ESD jack, on the front status and control panel
- Ground stud on the front status and control panel
- Cable tray, on 1U panel, above the card cage
- 6Ux4HP filler panels, in slots 1-3
- Level 0 shielding
- Delivered completely, assembled, wired and tested

Type 15 PXI System

- 4U High x 17" Wide x 16" Deep
- 18 Slot 3U PXI Backplane
- Vicor PSU, which meets the X-Ray spec for DXP-PX4 System
- Bottom to top cooling
- 4 DB9 connectors, on the lower 1U front panel
- 7 test points, on the lower 1U front panel
- On/off switch, on the lower 1U front panel
- ESD Jack, on the lower 1U front panel
- AC inlet and fuses, on the rear panel (AC inlet to have retainer clip)
- Ground stud, on the rear panel
- Elma Grey paint, on top, bottom, sides, front flanges/handles, rear verticals and feet
- Delivered completely, assembled, wired and tested

PXI Backplane

- Designed for custom PXI system
- Set of 3 backplanes and 2 bridges (18 slots)
- Local bus linked between bus segments
- Trigger bus and star trigger up to 18 slots
- 10 MHz system reference clock for synchronization distributed to each slot
- Intel 21154 bridge, 32/64 Bit, 33MHz

Order Information

Description	Part Number	
Type 12 PXI System	12C-0920-RV11PXI-XIA	(CAP001783)
Backplane	1900001249-0000	(CAE012012)
Type 15 PXI System	15C-0416-RDV18PXI-XIA	(CAP001767)
Backplane	070-9213-000-OB	(CAE011850)