

# XPand6200 Series Development Kit

Rapid Prototyping Development Kit for the XPand6200 Series Rugged Systems

- ▶ Utilizes 1.0 in. pitch 3U VPX Rear Transition Modules (VITA 46.10) for I/O access from the XPand6200 Series' corresponding 3U VPX modules
- ▶ Circular connector pass-through cables for connecting development fixture to the XPand6200 Series available
- ▶ Development cables for directly breaking I/O out to standard commercial connectors (optional)
- ▶ Includes 120 VAC to DC power supply and cables for powering the XPand6200 Series
- ▶ Includes ATX power supplies for powering the RTMs in the I/O test fixture



**XPand1508 Front**



**XPand1508 Back**

## XPand6200 Series Development Kit

The XPand6200 Series Development Kit is provided to simplify and speed up development with the XPand6200 Series systems. The kit breaks out the XPand6200 Series' I/O to development-friendly commercial connectors and includes power supplies for powering the unit from standard 120 VAC wall outlets.

The XPand6200 Series Development Kit includes the XPand1508 I/O breakout stations. The XPand1508 supports two standard VITA 46.10 RTM slots for accessing the I/O from the corresponding 3U VPX modules installed in the XPand6200 Series. The Development Kit includes the cables needed to connect the XPand6200 Series to the XPand1508. These cables also break out some commonly used high-speed interfaces directly to standard commercial connectors.



**Extreme Engineering Solutions**

*...Always Fast*

### Extreme Engineering Solutions

9901 Silicon Prairie Parkway • Verona, WI 53593

Phone: 608.833.1155 • Fax: 608.827.6171

sales@xes-inc.com • <https://www.xes-inc.com>

### XPand1508 I/O Breakout Station

- Each XPand1508 supports one payload module in the XPand6200 Series
- Supports standard VITA 46.10 RTM for accessing the XPand6200 Series' payload slot's I/O
- Additional RTM slot for accessing an XMC's X12d I/O (per VITA 46.9) installed in the XPand6200 Series' payload slots
- Includes ATX power supplies for powering the RTMs
- J2 and J3 keying configurations available

### Cables

- Circular connector pass-through cables for connecting the XPand6200 Series to the XPand1508
- Some standard high-speed interfaces are supported with commercial connectors coming directly off the cables

### Power Supply

- Includes the XPm9004 120 VAC to DC power supply and cable for powering the XPand6200 Series

