The XPand1301 is a low-cost, flexible, development platform. This platform supports up to eight 0.8 in. or 1.0 in. pitch, air-cooled, CompactPCI modules. It provides 482 W of total simultaneous power, which can be distributed as up to 16 A on 12 V, up to 40 A on 5 V, and up to 20 A on 3.3 V. The XPand1301 can provide up to 20 CFM of air flow per slot.

X-ES platforms, including the XPand1301, are a feature-rich solution for system development. RTMs provide maximum I/O flexibility and rapid system prototyping. Power and reset LEDs indicate system status. The XPand1301 also features a momentary push button for reset, as well as a switch to enable DC power.

The XPand1301 is available for purchase in several rapid-development, standard configurations. Custom configurations of modules, RTMs, and backplanes are also available utilizing X-ES and third party components.
**Form Factor**
- 3U CompactPCI 0.8 in. or 1.0 in. pitch
- 3U CompactPCI RTM

**Slots**
- Ten 1.0 in. pitch slots (including power supply slots)
- Eight 1.0 in. pitch RTM slots

**Power**
- 110-240 VAC, 50/60 Hz power input
- 482 W total simultaneous power
- Up to 16 A on 12 V
- Up to 40 A on 5 V
- Up to 20 A on 3.3 V
- Please consult factory for additional power options

**Cooling**
- Up to 20 CFM per slot
- Standard configuration of 10 CFM per slot
- Removable chassis side panels

**Physical Characteristics**
- Dimensions: 11.6 in. (L) x 13.5 in. (W) x 13.5 in. (H)
- 19 lbs. with backplane and power supply

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XPand1301 Platform