

**PCI-SYSTEMS Inc.**

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**VPX Rugged Chassis****VPX Conduction-Cooled Rugged Enclosures**

PCI-SYSTEMS Inc. manufactures a variety of COTS conduction-cooled chassis for VPX, VME, CompactPCI, and CompactPCI Express, based on 3U, 6U, ATR, and ARINC 600 form factors.

A unique design allows the user to select different top and bottom parts for the enclosure to get an air-cooled, conduction-cooled (cold plate), or liquid-cooled chassis.

Current CPU boards are available with x4 or x8 lane PCI Express configuration and include an Intel Core Duo board based on the Intel 3100 chipset with ECC and a P.A. SEMI PWRficient™ 1682M dual core PowerPC processor board.

The 3U conduction-cooled chassis comes with a 6-slot backplane, 220 W Modular PS with 12-36 VDC input, and an AC input adapter.

**FEATURES**

- ✦ COTS modular designed conduction-cooled chassis for VPX, VME, CompactPCI, and CompactPCI Express applications
- ✦ Two level maintenance models include 3U, 6U, ATR, ARINC 600, and custom
- ✦ Air-, conduction- (cold plate), or liquid-cooled chassis
- ✦ VPX 8-slot versions have PCI Express x8 lanes per slot and a 64-lane switch
- ✦ Intel Core Duo board based on the Intel 3100 with ECC and a P.A. SEMI 1682M dual core PowerPC available
- ✦ Short delivery time, custom designs welcome