The emerging CompactPCI market offers only a limited selection of computer peripheral functions to embedded system developers. The Card Shark 3U CompactPCI to Dual PCMCIA Adapter Card fills this void by leveraging the vast selection of laptop peripheral modules already available. Any PCMCIA product developed for the personal computer market can now also be applied in a CPCI card cage. Functions critical to embedded computing applications, such as solid state or removable storage, are readily available in PCMCIA format. The Card Shark also helps optimize backplane allocation by providing two PCMCIA sockets in a single CPCI slot.

Both Card Shark PCMCIA sockets can dynamically support either 3.3V or 5V operation, independent of the state of the other socket. For example, a 3.3V SRAM card can be plugged into one socket while the other is servicing a 5V data acquisition card. In addition, the operating voltage of each socket interface can switch between 3.3V and 5V without powering down the unit, resulting in dynamic operating voltage support of multi-voltage capable cards.

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