



# UH101 Four Port USB Host Controller

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The UH101 USB Host Controller is a compact PCI module providing USB peripheral connectivity to a host computer module on four front panel connectors. The module provides host USB connectivity when installed alone or in addition to existing USB host controller hardware. The UH101 uses a popular NEC host controller chip with USB 1.1 and 2.0 support using the industry standard OHCI/EHCI architecture. A wide variety of operating systems including Windows, Linux, and others include built-in support for these devices.

The UH101 makes USB connectivity available to CPCI computers which do not have such hardware built-in. Moreover, addition of a USB host controller to a CPCI system with existing USB support may provide additional bus resources to a peripheral device versus connection through a downstream hub. In some systems the mechanical robustness of USB connectivity installed in the CPCI chassis may also be a desirable feature. These features can be important for instrumentation and control applications for which the UH101 is particularly well suited.



## Specifications Summary

### Dataway Interface

Compact PCI at 32 Bits and 33 MHz  
Compliant with PICMG 2.0 R3.0  
Single Width 3U Compact PCI Card

### Ambient Temperature Range

0 To 70 C

### USB Standards

USB 1.1 OHCI  
USB 2.0 EHCI

### Front Panel

4 USB Type A Connectors