

## Interphase

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### iNAV® 31K

The iNAV® 31K AdvancedMC 10 Gbps fabric interface Carrier Card is a flexible, high-performance addition to next generation systems. It meets the needs of a wide variety of applications in AdvancedTCA 3.1 systems, including I/O, processing, and storage.

The iNAV 31K features include a high performance Ethernet switch with 24 gigabit ports and up to two 10 gigabit ports, an optional 8-port PCI Express switch, advanced Telecom Clock management, and a Linux®-based Board Management Processor that provides full local and remote management.

Advanced fully managed Ethernet Switching technology supports features such as complex VLANs, Rapid Spanning Tree, Link Aggregation, and Multicast.



**INTERPHASE®**

Designed To Perform. Designed To Last.™



### FEATURES

- ✦ Supports four single-width, mid-size AdvancedMCs or up to two double-width, mid-size AMC
- ✦ Supports 1/10 Gigabit (AdvancedTCA 3.1 Option 1 & 9) links to the AdvancedTCA Fabric, as well as Base Interface links
- ✦ Optional x4 PCI Express links to each AMC bay, with support for a Processor AMC and SAS/SATA disk AMCs
- ✦ Advanced Telecom Clock management accepts clock from and to any AMC bay and can drive a clock to any bay
- ✦ Powerful Linux®-based PowerQUICC III Board Management Computer with PCIe and GbE access to all
- ✦ The iNAV® 31K provides an ideal environment for delivery of highly integrated subsystems

For more information, contact: [fastnet@iphase.com](mailto:fastnet@iphase.com)

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