

Advantech Co., Ltd

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www.advantech.com/NC**ADVANTECH****UTCA-5503 MicroTCA™ Carrier Hub**

The Advantech MicroTCA™ Carrier Hub UTCA-5503 combines into a single AdvancedMC Module that controls and manages infrastructure and the interconnect fabric resources necessary to support up to 12 AdvancedMCs in a MicroTCA™ shelf:

- A Primary Gigabit Ethernet fabric on Common Options Fabric A.
- MicroTCA™ Carrier Management Controller (MCMC) functions to configure and control the elements.
- Where redundancy is required, two MCHs permit the creation of highly reliable systems.

**FEATURES**

- › Layer 2 GbE switch for up to 12 AdvancedMC™ modules on Common Options Fabric A
- › MCH update channel for carrier hub redundancy
- › Front panel GbE uplink over RJ-45 or SFP
- › Pigeon Point based MCMC with direct or switched 10/100 management LAN
- › IPMB-0 / IPMB-L for complete carrier management
- › Built-in expandability for future pluggable enhancements
- › Switch management and extended fabric switching
- › Customizable clock module and front panel I/O