Interface Masters
T E C H N O L O G I E S
Innovative Network Solutions

Niagara 830 COM Express Module
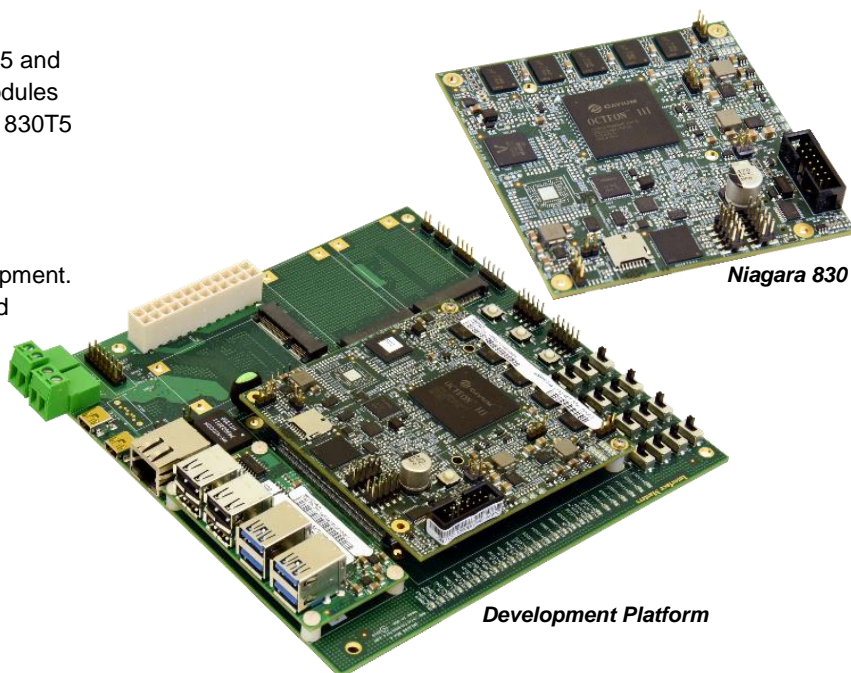Cavium-Based COM Express Module and Development Platform   **Product Brief**

OVERVIEW

Interface Masters Technologies offers Niagara 830T5 and Niagara 830T6, the industry's first COM Express modules based on Cavium OCTEON III processors. Niagara 830T5 supports COM Express Type 5 and Niagara 830T6 supports COM Express Type 6.

Interface Masters Technologies offers IM 13166, a development platform, to head start software development. IM 13166 supports future COM Express Type 10 and Qseven modules.

Niagara 830

PRODUCT FEATURES

- Choice of two Cavium OCTEON III processor families
    - CN70xx
    - CN71xx
- Up to 8 GB DDR III with ECC
- Support for eMMC, Micro SD, Real Time Clock
- Two SATA ports
- Two PCI-e x1
- Cavium SDK
- COM Express Compact Form Factor (95mm x 95mm)
- Linux distributions with complete diagnostics and utilities
- Niagara 830T5
    - Four USB 3.0 (Niagara 830T5)
    - Four USB 2.0 (Niagara 830T5)
    - Three 1GE ports
- Niagara 830T6
    - Four USB 3.0 (Niagara 830T5)
    - Eight USB 2.0 (Niagara 830T5)
    - One 1GE port

Development Platform

ABOUT INTERFACE MASTERS TECHNOLOGIES, INC.

Interface Masters Technologies, based in Silicon Valley, is a Cavium partner and leading provider of high speed networking solutions focused on Gigabit, 10 Gigabit, 40 Gigabit and 100 Gigabit Ethernet networking solutions.

For over 20 years, Interface Masters Technologies has been providing innovative networking solutions with customization services to OEMs and Fortune 100 companies.

Attention to detail and innovation are hallmarks of Interface Masters Technologies quality products.

Interface Masters Technologies provides off the shelf Ethernet switches, SDN Appliances, COM Express cards and Intelligent Network server adapters.

Interface Masters
T E C H N O L O G I E S
Innovative Network Solutions