

MC4100 MaxCore™ Platform

Extended Height PCIe Platform

Data Sheet

- 4U by 508 mm for 19" racks
- 15 x PCIe Gen 3 slots
- Support for Artesyn or 3rd party PCIe cards
- 4 x 1100W hot swap AC power supplies
- 3 x Redundant and hot-swappable cooling fans
- Cable-less internal architecture Artesyn PCIe cards
- Backplane-integrate PCI Express and Ethernet networking infrastructures
- 4 x 2.5" drive bays and 4x 10GBaseT with front panel access

The Artesyn Embedded Technologies MC4100 MaxCore™ platform offers a versatile and dense architecture to achieve maximum compute and rendering density. Through the use of Artesyn or 3rd party PCIe cards it offers maximum flexibility, maximum density per rack unit (RU), and unmatched innovation in design for datacenter applications.

Benefits

- 15 PCIe slots with 190W power/slot enables the use of high performance, high density PCIe cards
- The ability to use Artesyn or 3rd party PCIe cards means there is a very large ecosystem of available cards providing a wide range of functionality
- A built-in PCIe Gen 3 fabric allows the system to be configured as a single PCIe domain or multiple domains sharing I/O resources
- Extended height enables the use of taller PCIe cards with increased functionality and higher density

Applications

- Cloud gaming rendering engine
- Augmented reality rendering engine
- Artificial intelligence GPU farm



