

Best-in-every-category solutions... ...for the most demanding applications

6 Slot ATCA



The Perform Series 6-slot ATCA shelf was especially designed for the most demanding applications, where superior performance, availability and reliability justify the investment on a best-in-every-category solution. Every aspect of the Perform Series 6-slot Push-Pull has been developed to surpass current solutions found in the market.

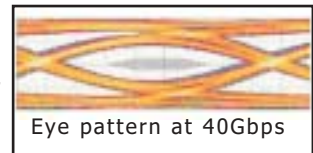
Superior Cooling Capabilities

With Its support for over 300W per slot and compliance with strict NEBS (GR63) cooling requirements, the Perform Series 6-slot, push pull shelf surpasses current market solutions in normal operating and fan failure conditions. These enhanced cooling capabilities were developed using a revolutionary design incorporating two 38mm fan trays and the most advanced fans available.



Superior Backplane Speed

The Asis Perform series shelf offers an industry first, 6-slot backplane enabling speeds up to 40Gbps per channel. Our 6-slot high performance backplane has been optimized through extensive signal integrity studies and years of practical experience.



Superior Control and Management

The Perform Series 6-slot Push-Pull features multiple unique management options. Optional hub functionality is already integrated into the shelf manager board – allowing optional availability of 6 empty slots for your application blades. The full featured shelf manager is based on Pigeon Point™ 500 ShMM and features a unique HPI-based SW module, offering seamless access to the shelf control and management interface. It also features unique distribution of sensors, and comprehensive alarm I/O. Asis' proprietary Basic shelf manager is based on PowerQuick processor and cost reduced ShMM. Lastly, Asis' Fan control board automatically controls chassis temperature using dedicated temperature sensors located inside the chassis or controlled by the ATCA blade/switch using I²C bus.

Superior Availability and Serviceability

The Perform Series 6 slot shelf was designed to exceed the availability and serviceability requirements specified in the ATCA standard. Tested by an external laboratory, the Perform Series 6 slot shelf was found to exceed the standard MTBF and MTTR measurements, proving its superior availability and serviceability.



PERFORM series

The Perform Series has been especially designed for the most demanding applications, where superior performance and reliability justifies the investment on a best-in-every-category solution.

Key Features

- Over **300W** per slot using **push-pull** cooling
- **Two** powerful fan trays each containing 10 high performance each. Fan thickness **38mm**
- **Multiple shelf management** options:
 - Fully featured: Slim, high performance based on Pigeon Point™ 500 ShMM
 - Basic shelf manager: Asis' proprietary ShMM, limited features.
 - Fan control board - controls fan speed based on exit air temperature.
- Optional **unique switch/shelf manager** combo board integrated into the shelf manager space to free hub slots for additional application blades
- **AC/DC configuration** for maximum flexibility
 - AC feature Asis' **three** proprietary redundant and hot swappable power Supplies of 1500W each.
 - DC features redundant and hot swappable 48VDC PEM.