

SCHROFF AdvancedTCA ECO MODULAR

THE MODULAR CONCEPT FOR A COST OPTIMIZED SYSTEM

The Schroff AdvancedTCA ECO Modular System has an economic design with a reduced feature set, especially regarding hot swap of the shelf FRU's as with the Schroff 300/40 and 450/40 series. The shelf is developed to be easily adapted to the application power and cooling needs. The modular approach allows you to choose from several configurations, like backplane topology, 250 or 450 W per slot, redundant or non-redundant power entry and many more.



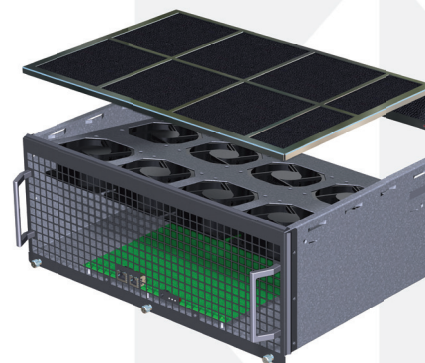
MAIN FEATURES:

- 14U, 14 Slot Chassis, air flow cooling front to back
- Shelf manager slots in "15th" slot, also supporting on-blade shelf management
- Cooling capacity of 250 or 450 W per slot, 500 W cooling per slot on request
- One fan tray below the card cage with 6 or 8 fans
- Optional exhaust air temperature sensor
- Shelf manager serial console port integrated into the fan tray
- 40G backplane with Dual-Star or Dual-Dual-Star topology
- Bussed IPMB
- Shelf FRU data EEPROMs directly mounted onto backplane
- Optional card cage EMC shielding for up to 20 GHz

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COOLING: SIMPLE AND EFFICIENT

- Fan tray with integrated air filter
- Telco alarm display and RJ-45 connectors to access serial console of the shelf managers
- No separate SAP module needed
- Fans can be either
 - controlled by the shelf manager
 - controlled by an air inlet temperature sensor in an autonomous mode
 - controlled via on-blade shelf-management



SCALABLE POWER ENTRY

- PEM solution covers low to high power requirements (250W/450W per Slot)
- Up to 4 PEM building blocks are assembled on the bottom backside and allow a flexible power entry configuration
- PEM can be realized in a redundant or non-redundant mode
- Not hot swappable but changeable if required as a complete module
- High-frequency filtering and circuit breaker



Two feeds redundant for 250W/slot



Two feeds non-redundant for 500W/slot

ORDER INFORMATION

Description	Item no.
AdvancedTCA Eco Modular - Dual Star backplane, non-redundant power entry, 250W/slot	11990-900
AdvancedTCA Eco Modular -Dual-Dual Star backplane, redundant power entry , 450W/slot	11990-903

FOR FURTHER INFORMATION PLEASE VISIT: www.pentairprotect.biz/en/emea/ATCA



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