



**SCHROFF**

## 11990-192 ATCA SYSTEM 450/40 FC SERIES, 14 SLOT, DC, AIR FLOW FRONT TO REAR



### KEY FEATURES

Conforms to AdvancedTCA Standard PICMG 3.0 rev.3.0

Input voltage -48 VDC/-60 VDC, two redundant power entry modules (PEM)

2 redundant hot-swap fan trays in push-pull configuration

450 W cooling capacity per slot at an ambient temperature of 55 °C

Prepared for 2 x SCHROFF shelf managers with Pigeon Point ShMM 700

Shelf Manager slots on the right hand side in the AdvancedTCA card cage

Shelf Manager consoles and Telco alarm interface in lower fan tray

Air filter access from front

### PRODUCT ATTRIBUTES

Product Type: System

Number of Slots: 14

Type: 19" Rack Mount

Backplane Type: Dual Star, Bussed IPMB

Data Transfer: 40 GbE

Power per Slot: 450 W

Input Voltage DC: -48 V; -60 V

Airflow Direction: Front to Rear

Rack Height: 14 U

Power Supply Type: (2) DC PEM

Power Supply Included: Yes

Rear I/O: Yes

Complies With: PICMG 3.0 R3.0

Depth: 383 mm

## ADDITIONAL PRODUCT DETAILS

---

The nVent SCHROFF ATCA 450/40 FC Series is a family of AdvancedTCA Shelves that provide cooling and power per slot for 450 W blades. The backplane is verified in accordance to 40GBASE-KR4 for 40 Gbit Ethernet. Shelves with air flow from bottom to top as well as shelves with air flow from front to rear are available.

Modified systems available on request.

Completely assembled, cabled and tested.

## CERTIFICATIONS

---



### North America

All locations

+1.763.422.2661

Chat with us:

[schroff.nvent.com](https://schroff.nvent.com)

### Europe

Straubenhardt, Germany

+49.7082.794.0

Betschdorf, France

+33.3.88.90.64.90

Warsaw, Poland

+48.22.209.98.35

Assago, Italy

+39.02.932.7141

Chat with us:

[schroff.nvent.com](https://schroff.nvent.com)

### Asia

Shanghai, China

+86.21.2412.6943

Qingdao, China

+86.532.8771.6101

Singapore

+65.6768.5800

Shin-Yokohama, Japan

+81.45.476.0271

Chat with us:

[schroff.nvent.com](https://schroff.nvent.com)

### Middle East & India

Dubai, United Arab Emirates

+971.4.378.1700

Bangalore, India

+91.80.6715.2001

Istanbul, Turkey

+90.216.250.7374

Chat with us:

[schroff.nvent.com](https://schroff.nvent.com)



Our powerful portfolio of brands:  
[nVent.com](https://nVent.com) **CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER**

© 2024 nVent. All nVent marks and logos are owned or licensed by nVent Services GmbH or its affiliates. All other trademarks are the property of their respective owners.

nVent reserves the right to change specifications without notice.