

Features

- Wall-, desk-, or 1RU rack-mountable chassis for CPE
- Hosts any Aurora Networks single-slot, half-depth 3RU module
- External switching power supply provides 12V DC powering to module from 100-240V AC power source
- Supports redundant (load sharing) 12V DC powering with optional second power supply
- Front loading slide-in module design for easy access and upgrade
- Supports power source monitoring and “dying gasp”
- Includes grounding lug
- Front panel power LED indicators for power status and alarms
- Module hot plug in/out
- RoHS compliant

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Chassis for CPE Half-depth Modules



Pictured above: EX3005A and GT3410A Modules installed in CH1301 Chassis (Individual chassis may also be joined side-by-side with “butterfly” clips to create a single unit that may be installed in 19” EIA racks using optional mounting kit.)

The CH1301 is a chassis intended for use at customer premises that can host any of Aurora’s single-slot, half-depth 3RU modules (active or passive) that may also be installed in the CH3000 Universal Chassis. This chassis features the same innovative “mid-plane” design as the CH3000 for delivering 12VDC powering to an installed active module, as well as alarm and address data.

Mounting options for the chassis include desktop deployment, mounting to a wall, or mounting in an equipment rack. In case of the latter, either a single chassis or a set of two mechanically interconnected chassis can be installed in 1RU space of a standard rack.

A model PS1332T-1 switching power supply (with AC and DC cables) is provided with every CH1301 chassis. Optional load-sharing backup power supplies are also available.

Physical:

- Dimensions (chassis): 8.7" L x 8.0" W x 1.73" H
(22.1 cm x 20.3 cm x 4.4 cm)
- Dimensions (power supply): 3.9" L x 2.0" W x 1.3" H
(9.9 cm x 5.1 cm x 3.2 cm)
- Weight (chassis): 3.0 lbs (1.4 kg)

Environmental (with PS1332T-1 Power Supply):

- Operating temperature range: 0°C to +40°C (32°F to 104°F)
- Storage temperature range: -10°C to +70°C (14°F to 158°F)
- Operating humidity range: 10% to 90% non-condensing
- Storage humidity range: 20% to 80% non-condensing

General:

- Hot plug in/out
- Supports "dying gasp" function

Electrical:

- Input power: 12VDC, 2A from external power adapter
- AC-DC Adapter:
Input: 100-240VAC, 50/60 Hz
Output 12VDC @ 2A
- Grounding provision: #6 stud

Status Monitoring and Indicators:

- RS232 Craft Port
- LED indicators (chassis):
2 On/Off LED indicators on the front panel for power sources
Red LED on front panel lit when module alarm present
- LED indicator (power supply)
Green LED is lit when AC power present.

Mounting Options:

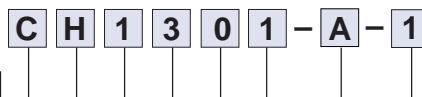
- Desk
- Wall
- 19" rack mounting:
 - MS1202B 1RU, 19" rack mounting kit with ears and screw set for a single CH1301
 - MS1203B 1RU, 19" rack mounting kit with ears and screw set for a single CH1301 with passive slot
 - MS1204B 1RU, 19" rack mounting kit with ears and screw set for a side-by-side configuration of dual CH1301 chassis
- PS1332T-1 AC/DC external power adapter (with AC and DC cords) accepts 100-240 VAC input and provides 12V DC input to the chassis. (An optional additional adapter can provide power redundancy protection.)

Regulatory:

- Safety: UL, cUL, CE, GS
- Emissions: FCC Part 15, Class B, VCCI-II

Ordering Information

Chassis for CPE Half-depth Modules



One PS1332T-1 AC/DC Switching Power Supply is also provided with every CH1301 Chassis. AC and DC power cords (each 2 meters length) are provided with the unit. Additional power supplies may be ordered separately.



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