



For Sales Information:  
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## 24-port 2.5" PCIe/NVMe Test Enclosure

- 24 tool-less, 2.5", drive fixtures w/individual, replaceable interposers. Fixtures fit all thicknesses of 2.5" HDD/SSD. (2 fixture versions are available)
  - Individual activity LED on each slot
  - Individual power on/off control via CLI through USB/Telnet/Ethernet
  - Individual voltage/current measurement via CLI through USB/Telnet/Ethernet
  - Dual, PLX9765 based Capella 2 switch boards configured to x16 in and 12, x4 out. The Capella 2 silicon can support both SRIS and hot plug when enabled. Each switch board w/x16 in connects to 12, x4 SFF based PCIe/NVMe devices. PCIe/NVMe switches are configured to x16 or less in. This means that x4 or x8 or x16 in will automatically connect to the 12, x4 SFF devices.
  - 19" rack mountable configuration
  - (4) 4" 65cfm cooling fans
  - Available for Gen1, Gen2 and Gen3 PCIe/NVMe
  - Box dimensions: 16" x 16" x 19"
- \*\* 2, x2 Configuration Coming Soon**





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## QTL1574 Power Board

The Quarch Technology 24 Port Power Switch board can independently switch 12V and 5V power to 24 drive ports. The board can also measure voltage at and current supplied to each drive port independently.

### Technical Specifications:

#### Voltage Measurement

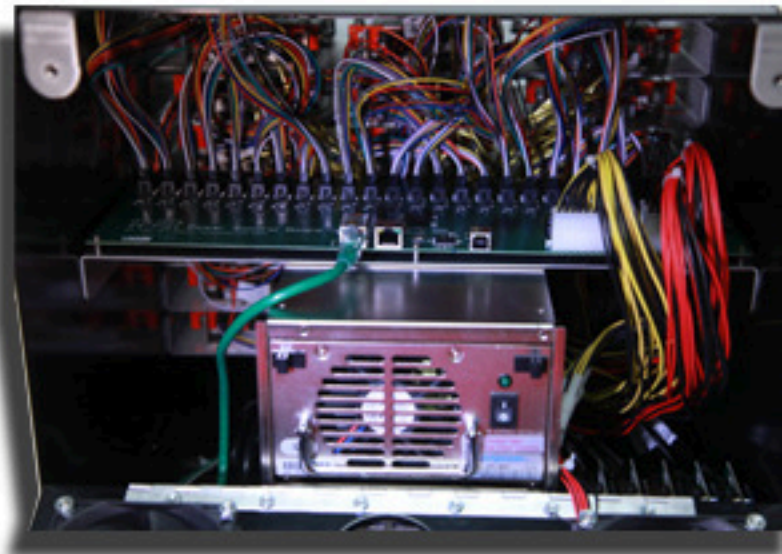
Resolution: 1.25mV  
Typical Accuracy: 1%  
Worst Case Accuracy: 5%

#### Current Measurement

Range: -8A to 8A  
Resolution: 0.25mA  
Typical Accuracy:  $\pm(2\text{mA} + 1\%)$   
Worst Case Accuracy:  $\pm(2\text{mA} + 5\%)$

#### Sampling

Serial 115,200 baud: < 0.1 seconds (better than 10 per second)  
Telnet: ~0.15 Seconds (~6 per second)  
USB: ~0.1 Seconds (~10 per second)





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## Power Supply Specifications

### **DESCRIPTION**

THE RPS-2800 IS A TRIPLE OUTPUT 400W, AC INPUT SELECTOR OR AUTO SENSING CONTROL SWITCH MODE POWER SUPPLY. IT IS MADE OF N=1 MODULE WITH THE RPM/RPH SYSTEM FOR NETWORK FILE SERVER, RAID SUB-SYSTEM, SECURITY TELECOMMUNICATION SYSTEMS APPLICATIONS.

### **AC INPUT :**

#### **VOLTAGE & FREQUENCY :**

115V / 60HZ : 90V (MIN.) --- 115V (NORMAL) --- 132V(MAX.)  
230V / 50HZ : 180V (MIN.) --- 230V (NORMAL) --- 264V(MAX.)  
\*115V/230V MANUAL SELECT OR AUTO SWITCH (OPTIONAL).

#### **CURRENT :**

10A MAX. AT 115V AC INPUT, FULL LOAD CONDITION .  
5A MAX. AT 230V AC INPUT, FULL LOAD CONDITION.

#### **INRUSH CURRENT :**

80A MAX. AT 115V AC IN, FULL LOAD CONDITION.  
120A MAX. AT 230V AC IN, FULL LOAD CONDITION.  
\* COLD START, AT 25 DEGREE C AMBIENT.

### **DC OUTPUT :**

VOLTAGE +5V +12V -12V

MIN. LOAD 4 A 1.5 A 0 A

MAX. LOAD 40 A 16 A 1.5 A

REGULATION +5/-4% +5/-5% +5/-5%

RIPPLE & NOISE (MAX.) 70mV 120mV 120mV

\*\* MAXIMUM POWER OUTPUT OF ALL OUTPUTS COMBINED MUST NOT EXCEED 400 WATTS.

THE LOAD REGULATION IS DONE BY CHANGING THE MEASURED OUTPUT LOADING +/-40% FROM 60% RATED LOAD.

### **PHYSICAL ENVIRONMENT (AMBIENT) :**

#### **TEMPERATURE RANGE :**

OPERATING TEMPERATURE RANGE : 0° ~ 70°

DERATING FACTOR 50° ~ 70° : 2.5%

STORAGE -10° TO +75°

#### **HUMIDITY :**

OPERATION 20% TO 85% RH.

STORAGE AND SHIPPING 10% TO 95%RH.