

## Scale Logic NX2/ZX 12 Bay JBOD Expansion



### Key Features

2U High Density and High Capacity NX2 and ZX NAS Storage Chassis with 12 x 3.5" SAS 12Gb/s Hot Swap HDD/SSD Bays

ZX uses Dual Expander Backplane Boards to support SAS MPIO path failover

8 x Mini-SAS HD ports for connection to NX2 and ZX NAS heads or existing cascading, the combination allows for high performance, high availability or high redundancy requirements

1x IPMI port for Remote System Power on/off and system monitoring

600W (1+1) Redundant High-efficiency Power Supplies

Optimized cooling w/ 3x fans

### Dimensions

|                              |                                                  |
|------------------------------|--------------------------------------------------|
| <b>Height</b>                | ■ 3.5" (89 mm)                                   |
| <b>Width</b>                 | ■ 17.2" (437 mm)                                 |
| <b>Depth</b>                 | ■ 25.5" (647 mm)                                 |
| <b>Gross Weight</b>          | ■ 81.8 lbs (37.1 kg)                             |
| <b>Packaging (W x H x L)</b> | ■ 26.7" (678 mm) x 11.4" (290 mm) x 34. (876 mm) |

### Included Accessories

- 2x US Power Cord 16AWG, Pb Free
- Rail set, quick install square hole for standard racks
- 1x 1m (NX2), 4x 1m (ZX) - SAS external cable(s)
- Front bezel

### Optional Accessories

- MCP-290-00058-0N - Short rail set, quick release, 19.6"~26.9" Extendable Length
- MCP-290-00061-0N - Non-threaded rail adapter for round thread rack

### Product SKUs

NX2/12D-JBSAS-YYTBB ■ Where "YYY" is RAW Capacity  
ZX12D-JBSAS-YYTBB ■ Where "YYY" is RAW Capacity

### Rear Connections and Ports

- 4 x SAS SFF-8644 on SAS Expansion 1, 4 x SAS SFF-8644 on SAS Expansion 2
- RJ45 IPMI port

## Front Panel

### Buttons

- Power On/Off button
- System Reset Button

### LEDs

- 1 Network Activity LEDs
- Fan Fail/System Over Heat LED
- Power Status LED
- Power Fail LED
- Unit Identification (UID) LED

## Systems Cooling

### Fans

- 3x 8cm hot-swap redundant PWM cooling fans

## System Monitoring

- Chassis intrusion switch
- Optional Scale Logic Health Monitoring (phone home)

## Operating Environment (System)

### Operating Temperature Range

- 5°C - 35°C (41°F - 95°F)

### Non-Operating Temperature Range

- -40°C - 70°C (-40°F - 158°F)

### Operating Relative Humidity Range

- 8% - 90% (non-condensing)

### Non Operating Relative Humidity Range

- 5% - 95% (non-condensing)

## Power Supply

### 600W / 650W 1U Redundant Power Supply

### Power Efficiency

- 94%

### Total Output Power and Input

- 650W with Input 200 - 240Vac
- 600W with Input 100 - 127Vac
- 650W with Input 200 - 240Vdc

### AC Input Frequency

- 50-60Hz

### Dimensions (L x W x H)

- 336 x 76 x 40 mm

### Output Type

- Backplanes (gold finger)

### +12V

- Max: 54.16A / Min: 0A (200Vdc - 240Vdc)(for CCC only)
- Max: 54.16A / Min: 0A (200Vac - 240Vac)
- Max: 50A / Min: 0A (100Vac - 127Vac)

### +5Vsb

- Max: 4A / Min: 0A

### Power Distributor

- PDB-PT826-8824
- O/P: 12V/135
- +5V Max: 40A
- +3.3V Max: 24A
- -12V Max: 0.6A

### Certification

-  Platinum Certified

## Regulatory (Power Supply)

### Power Supply Safety / EMC

- BSMI
- CCC
- CE/EMC
- FCC