

# Scale Logic NX2 24 Bay NVMe



## Dimensions and Weight

<b>Height</b>	▪ 3.5" (89 mm)
<b>Width</b>	▪ 17.2" (437 mm)
<b>Depth</b>	▪ 27.76" (705.3 mm)
<b>Gross Weight</b>	▪ 63 lbs (28.6 kg)

## Expansion Options

- 2x PCIe v3 expansion slot(s) for add on NICs, options include 25Gbit or 100Gbit
- Connect up to 4 NX2 JBOD Expansion
- ranging from 12,24,36,44, and 60 bays

## Included Accesories

- 2x US Power Cord 16AWG, Pb Free
- Rail set, auto latch square hole, 26.9" to 36.4"
- Threaded rail adapter default for round hole rack
- Front Bezel

## Key Features

2U NAS optimized for very high speed workflows utilizing NVMe for cache or all flash, expansion up to 5PB using a single global name space or quota enabled workspaces, robust checksum file system, and built-in replication features

24 x 2.5" hot-swap NVMe SSD drive bays, 2 x 2.5" hot-swap SSD Boot Drives with Scale Logic NX2 OS

Range of SKUs covering NVMe capacity up to 184.32TB used as either all flash, cache or both, support for online capacity expansion via NX2 JBODs

SMB2 and 3, NFSv3, optional FTP/FXP, quotas, Active Directory, LDAP, unlimited snapshots, dataset clones, email notification, hardware load analytics, optional container support for additional supported applications

Dual 1600W High efficiency (96%)  
Redundant PSU; Titanium Level

## Product SKUs

NX2/24-NVMe/X-YYTb ▪ Where "X" is number of NVMe installed in increments of 6, and "YYY" is RAW Capacity

## Rear Connections and Ports

- 4 x 10GBASE-T RJ45 NIC ports, 1 x RJ45 IPMI port, 1 x Console VGA, 2 x USB,
- 4 x SAS SFF-8644 for capacity JBOD extension

## Processor and RAM

- Dual upgraded Intel® Scalable processors, 192GB+ RAM depending on SKU

## Front Panel

<b>Button</b>	<ul style="list-style-type: none"><li>Power On/Off button</li><li>System Reset button</li></ul>
<b>LED</b>	<ul style="list-style-type: none"><li>Power status LED</li><li>NVMe activity LED</li><li>Network Activity LEDs</li><li>Unit Identification (UID) LED</li><li>Fan Fail/System Over Heat LED</li></ul>

## Systems Cooling



<b>Fans</b>	<ul style="list-style-type: none"><li>4x Heavy duty 8cm PWM fans</li></ul>
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## System Monitoring

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

## Power Supply

1600W Redundant Power Supplies with PMBus

<b>Total Output Power</b>	<ul style="list-style-type: none"><li>1600W/1000W</li></ul>
<b>Dimension (W x H x L)</b>	<ul style="list-style-type: none"><li>73.5 x 40 x 203 mm</li></ul>
<b>Input</b>	<ul style="list-style-type: none"><li>100-127Vac / 13 - 9A / 50-60Hz</li><li>200-240Vac / 10 - 8A / 50-60Hz</li></ul>
<b>+12V</b>	<ul style="list-style-type: none"><li>Max: 83.3A / Min: 0A (100-127Vac)</li><li>Max: 133A / Min: 0A (200-240Vac)</li></ul>
<b>12Vsb</b>	<ul style="list-style-type: none"><li>Max: 2.1A / Min: 0A</li></ul>
<b>Output Type</b>	<ul style="list-style-type: none"><li>25 Pairs Gold Finger Connector</li></ul>
<b>Certification</b>	<div>  <b>Titanium Level</b></div>

## Operating Environment

<b>RoHS</b>	<ul style="list-style-type: none"><li>RoHS Compliant</li></ul>
<b>Environmental Spec.</b>	<ul style="list-style-type: none"><li>Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)</li><li>Non-operating Temperature: -40°C to 70°C (-40°F to 158°F)</li><li>Operating Relative Humidity: 8% to 90% (non-condensing)</li><li>Non-operating Relative Humidity: 5% to 95% (non-condensing)</li></ul>