

# Scale Logic NX3 16 Bay



## Dimensions

<b>Height</b>	■ 1.7" (43 mm)
<b>Width</b>	■ 17.2" (437 mm)
<b>Depth</b>	■ 21.5" (547 mm)
<b>Gross Weight</b>	■ 84 lbs (41.7 kg)
<b>Packaging (W x H x L)</b>	■ 19.5" (493 mm) x 21.5" (547 mm) x 21.5" (547 mm)

## Expansion Options

- 1x PCIe v5 expansion slot for an add on NIC, options include 10Gbit optical or copper, 25Gbit, 40Gbit, or 100Gbit
- 3 x additional PCIe v5 slots available with purchase of optional expansion kit - see below
- Connect up to 4 NX3 JBOD Expansions ranging from 12,24,36,44, and 60 bays

## Included Accessories

- 2x US Power Cord 16AWG, Pb Free
- Rail set, quick install square hole for standard racks
- Threaded rail adapter default for round hole rack
- Front Bezel

## Optional Accessories

- MCP-290-00058-0N - Short rail set, quick release, 19.6"~26.9" Extendable Length
- X3-PCI-UPGRADE - Option to enable 3 more PCIe Gen5 expansion slots

## Key Features

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

16 x 3.5" (12 in front, 4 top loaded) hot-swap SAS HDD or SATA SSD drive bays with SES3, 2 x M.2 SSD Boot Drives with Scale Logic NX3 OS

Range of SKUs covering capacity up to 384TB, HDDs or SATA SSDs, support for online capacity expansion via NX3 JBODs

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

Dual 1600W Redundant Titanium 96%+ Super Quiet Power Supply with PMbus

## Product SKUs

NX3/16-SAS-YYTBB ■ Where "YYY" is RAW Capacity

## Rear Connections and Ports

- 2 x 10GBASE-T RJ45 NIC ports, 1 x RJ45 IPMI port, 1 x Console VGA, 2 x USB,
- 2 x SAS SFF-8644 on SAS Expansion 1, 2 x SAS SFF-8644 on SAS Expansion 2

## Processor and RAM

- Single upgraded Intel® Scalable processor, DDR5 256GB RAM

## 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>▪ HDD activity LED</li><li>▪ 2 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>▪ 4 x 8cm high-performance PWM fan(s)</li></ul>
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## System Monitoring

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

## Operating Environment (System)

<b>Operating Temperature Range</b>	<ul style="list-style-type: none"><li>▪ 10°C - 35°C (50°F ~ 95°F)</li></ul>
<b>Non-Operating Temperature Range</b>	<ul style="list-style-type: none"><li>▪ -40°C - 60°C (-40°F - 140°F)</li></ul>
<b>Operating Relative Humidity Range</b>	<ul style="list-style-type: none"><li>▪ 8% - 90% (non-condensing)</li></ul>
<b>Non Operating Relative Humidity Range</b>	<ul style="list-style-type: none"><li>▪ 5% - 95% (non-condensing)</li></ul>

## Power Supply

2 x 1600W Redundant Titanium 96%+  
Super Quiet Power Supply with PMBus

<b>Power Efficiency</b>	<ul style="list-style-type: none"><li>▪ 96%</li></ul>
<b>Total Output Power and Input</b>	<ul style="list-style-type: none"><li>▪ 1000W with Input 100 - 140Vac</li><li>▪ 1600W with Input 180 - 240Vac</li></ul>
<b>AC Input Frequency</b>	<ul style="list-style-type: none"><li>▪ 50-60Hz</li></ul>
<b>Dimensions (L x W x H)</b>	<ul style="list-style-type: none"><li>▪ 336 x 76 x 40 mm</li></ul>
<b>Output Type</b>	<ul style="list-style-type: none"><li>▪ Backplanes (gold finger)</li></ul>
<b>-12V</b>	<ul style="list-style-type: none"><li>▪ Max: NAA</li></ul>
<b>+12V</b>	<ul style="list-style-type: none"><li>▪ Max: 83A / Min: 0.5A (100Vac - 140Vac)</li><li>▪ Max: 106.7A / Min: 0.5A (180Vac - 240Vac)</li></ul>
<b>+5Vsb</b>	<ul style="list-style-type: none"><li>▪ Max: 4A / Min: 0A</li></ul>
<b>+12Vsb</b>	<ul style="list-style-type: none"><li>▪ Max: NAA</li></ul>
<b>Power Distributor</b>	<ul style="list-style-type: none"><li>▪ PDB-PT846-2824</li><li>▪ O/P: 12V/135</li><li>▪ +5V Max: 50</li><li>▪ +3.3V Max: 24</li><li>▪ -12V Max: 0.6</li></ul>

## Certification



**Titanium Certified**

## Regulatory (Power Supply)

<b>Power Supply Safety / EMC</b>	<ul style="list-style-type: none"><li>▪ BSMI</li><li>▪ CCC</li><li>▪ CE/EMC</li><li>▪ FCC class A</li><li>▪ UL/CB</li><li>▪ UL/CUL</li></ul>
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