Scale Logic NX3 60 Bay

Key Features

4U 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

60 x 3.5" 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 1440TB, HDDs or SATA SSDs, support for online capacity expansion via NX3 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/1000/W Titanium Power Supply W/PMbus

Cable management arm for ease of replacing HDDs while keeping high uptime

Dimensions

Height	7" (178 mm)
Width	17.2" (437 mm)
Depth	30.2" (767 mm)
Gross Weight	169 lbs (76.7 kg)
Packaging (W x H x L)	28" (711 mm) x 33.25" (845 mm) x 42,5" (1080 mm)

Expansion Options

- 1x PCIe v5 expansion slot for an add on NIC, options include 10Gbit optical or copper, 25Git, 40Git, 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, 60, and 90 bays

Product SKUs

NX3/60-SAS-YYYTB	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

Included Accesories

- 2x US Power Cord 16AWG, Pb Free
- Rail set, quick install square hole for standard racks
- Cable Management Arm, 2U height

Processor and RAM

- Single upgraded Intel® Scalable processor, DDR4 256 GB RAM

Optional Accessories

- X3-PCI-UPGRADE - Option to enable 3 more PCIe Gen5 expansion slots

Front Panel

Button	• Power On/Off button • System Reset button
LED	• Power status LED • HDD activity LED • 2 Network Activity LEDs • Unit Identification (UID) LED • Fan Fail/System Over Heat LED

Systems Cooling

Fans	• 5 x 80mm high-performance fan(s)

System Monitoring

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

Operating Environment (System)

Operating Temperature Range	• 10°C - 35°C (50°F - 95°F)
Non-Operating Temperature Range	• -40°C - 60°C (-40°F - 140°F)
Operating Relative Humidity Range	• 8% - 90% (non-condensing)
Non Operating Relative Humidity Range	• 5% - 95% (non-condensing)

Power Supply

1U 1600W/1000W Titanium Power Supply W/PMbus W76xL336xH40mm

Power Efficiency	• 96%
Total Output Power and Input	• 1000W with Input 100 - 127Vac • 1600W with Input 200 - 240Vac
AC Input Frequency	• 50-60Hz
Dimensions (L x W x H)	• 336 x 76 x 40 mm
Output Type	• Backplanes (gold finger)
+12V	• Max: 100A / Min: 0A (200Vdc - 240Vdc) • Max: 100A / Min: 0A (200Vac - 240Vac) • Max: 83A / Min: 0A (100Vac - 127Vac)
+5Vsb	• Max: 4A / Min: 0A
Power Distributor	• PDB-PT847-8824 • O/P: 12V/135 • +5V Max: 100A • +3.3V Max: 30A • -12V Max: 0.6A
Certification	• Titanium Certified

Regulatory (Power Supply)

Power Supply Safety / EMC	• BSMI • CCC • CE/EMC • FCC class A • UL/CB • UL/CUL