

Scale Logic NX2/ZX 90 Bay JBOD Expansion



Dimensions

Height	▪ 6.96" (177 mm)
Width	▪ 17.6" (447 mm)
Depth	▪ 43.3" (1099 mm)

Gross Weight	▪ 430 lbs (195.05 kg)
Net Weight (empty)	▪ 130 lbs (58.97 kg)
Palletized Packaging (W x H x L)	▪ 35.82" (910 mm) x 29.92" (760 mm) x 53.15" (1350 mm)

Included Accessories

- 2x US Power Cord 16AWG, Pb Free
- Rail set, quick install square hole fits racks between 27.75" and 38" deep
- 1x 2m (NX2), 4x 2m (ZX) - SAS external cable(s)

Key Features

Extreme High Density and High Capacity NX2 and ZX NAS Storage Chassis with 90 x 3.5" Top Loading SAS 12Gb/s Hot Swap HDD/SSD Bays

Tool-less HDD tray with HDD LED indicator

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

Slide design for replacing HDDs while keeping high system uptime

2000W (1+1) Redundant High-efficiency Titanium Level Power Supplies

Optimized cooling w/ 6x 8cm rear hot-swap fans

Product SKUs

NX2/90D-JBSAS-YYTBB ▪ Where "YYY" is RAW Capacity
ZX90D-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

Button	■ Power On/Off button ■ System Reset button ■ Unit Identification (UID) button
LED	■ HDD activity LED ■ 1 Network activity LEDs ■ System Information LED ■ Unit Identification (UID) LED ■ Power LED

Systems Cooling

Fans	■ 6x 8cm rear hot-swap exhaust PWM fan(s)
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System Monitoring

- IPMI
- 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

2000W redundant power supply, Titanium level with PMBus & I2C

Power Efficiency	■ 96%
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Total Output Power and Input	■ 1000W with Input 100 - 120Vac ■ 1980W with Input 220 - 230Vac ■ 1800W with Input 200 - 220Vac ■ 2000W with Input 200 - 240Vac ■ 2000W with Input 230 - 240Vac
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AC Input Frequency	■ 50-60Hz
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Dimensions (L x W x H)	■ 265 x 73.5 x 40 mm
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Output Type	■ Backplanes (gold finger)
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+12V	■ Max: 165A / Min: 0A (220Vac - 230Vac) ■ Max: 150A / Min: 0A (200Vac - 220Vac) ■ Max: 166.7A / Min: 0A (200Vac - 240Vac)(for UL/cUL only) ■ Max: 166.7A / Min: 0A (230Vac - 240Vac) ■ Max: 83.3A / Min: 0A (100Vac - 120Vac)
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+12Vsb	■ Max: 2.1A / Min: 0A
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Certification	■  Titanium Certified
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Regulatory (Power Supply)

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