

Scale Logic ZX 1U NAS



Shown: Dual 1U HA System

Dimensions

Height	▪ 1.7" (43 mm)
Width	▪ 17.2" (437 mm)
Depth	▪ 23.5" (597 mm)
Gross Weight	▪ 42 lbs (19 kg)
Packaging (W x H x L)	▪ 24" (610 mm) x 8" (203 mm) x 32" (813 mm)

Expansion Options per node

- 1x PCIe v3 x16 expansion slot for add on NIC, options include 10Gbit optical or copper, 25Gbit, 40Gbit, and 100Gbit
- Connect up to 8 ZX JBOD
Expansions ranging from 12,24,36,44, and 60 bays

Included Accessories

- 2x US Power Cord 16AWG, Pb Free
- Rail set, auto latch square hole, 26.9" to 36.4"
- Front Bezel

Optional Accessories

- MCP-290-00056-0N - Short outer rail set, for square hole, 19"~26.4" Extendable Length

Key Features

Single ZX with one node, or clustered ZX NAS with two nodes, converged storage system featuring failover mode, optimized for high speed workflows

2 x SSD Boot Drives per node with Scale Logic ZX OS

Expansion up to 9PB using a single global name space or quota enabled workspaces for NAS access, Virtual Volume (VVOL) for iSCSI target creation, VMware support, robust checksum file system, and built-in replication features

Add a versatile range of ZX JBOD options as flash, cache, or HDDs

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

700/750W Redundant PSUs;
Platinum Level

Product SKU

ZX-1U-BASE ▪ Order QTY 2 for HA

Rear Connections and Ports per node

- 2 x 10GBASE-T RJ45 NIC ports, 1 x RJ45 IPMI port, 1 x Console VGA, 2 x USB,
- 2 x 1Gbit RJ45 NIC ports dedicated to ZX Failover HA Heartbeat
- 4 x SAS SFF-8644 for capacity JBOD extension

Processor and RAM per node

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

Front Panel

Button	▪ Power On/Off button ▪ Unit Identification (UID) button
LED	▪ Power status LED ▪ HDD activity LED ▪ 2 Network Activity LEDs ▪ Unit Identification (UID) LED

Systems Cooling

Fans	▪ 5 x 40x56mm counter-rotation PWM fan(s)
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System Monitoring

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

1U Redundant 700/750W Single Output Power Supply
Platinum level, 54.5mm width

Power Efficiency	▪ 94%
Total Output Power and Input	▪ 750W with Input 200 - 240Vac ▪ 700W with Input 100 - 140Vac
AC Input Frequency	▪ 50-60Hz
Dimensions (L x W x H)	▪ 320 x 54.5 x 40.25 mm
Output Type	▪ Backplanes (gold finger)
+12V	▪ Max: 62A / Min: 0.5A (200Vac - 24 Vac) ▪ Max: 58A / Min: 0.5A (100Vac - 14 Vac)
+5Vsb	▪ Max: 3A / Min: 0A
Power Distributor	▪ PDB-PT112-S2424 ▪ O/P: 12V/54 ▪ +5V Max: 25A ▪ +3.3V Max: 25A ▪ -12V Max: 0.6A
Certification	▪  Platinum Certified

Regulatory (Power Supply)

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