Scale Logic ZX 24 Bay NVMe

Key Features

Clustered ZX NAS and converged storage system featuring 2 hot-pluggable nodes in failover mode, optimized for very high speed workflows utilizing NVMe for cache or all flash

24 x 2.5" hot-swap NVMe SSD drive bays accessible to both nodes, 1 x M.2 NVMe SSD Boot Drive 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

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

2000W High efficiency (96%) Redundant PSUs; Titanium Level

Dimensions and Weight

Height	▪ 3.5" (89 mm)
Width	▪ 17.2" (437 mm)
Depth	▪ 25.6" (650 mm)
Gross Weight	▪ 73 lbs (33.1 kg)

Expansion Options per node

- ▪ 2x PCIe v3 (1 x HHHL x16, 1 x ZX IO Module x16) expansion slot(s) for add on NICs, options include 25Git or 100Gbit
- ▪ Connect up to 8 ZX JBOD Expansions 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

Product SKUs

ZX/24-NVMe/X-YYYTB ▪ Where "X" is number of NVMe installed in increments of 12, and "YYY" is RAW Capacity

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,
- ▪ 4 x SAS SFF-8644 for capacity JBOD extension

Processor and RAM per node

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

Front Panel

Button	- Power On/Off button - System Reset button
LED	- Power status LED - NVMe activity LED - Network Activity LEDs Unit - Identification (UID) LED Fan - Power Fail LED

Systems Cooling

Fans	5x Heavy duty 8cm PWM fans

System Monitoring

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

Power Supply

2000W Redundant Power Supplies with PMBus

Total Output Power	1000W: 100 – 120Vac 1800W: 200 – 220Vac 1980W: 220 – 230Vac 2000W: 230 – 240Vac 2000W: 200 – 240Vac (UL/CUL only)
Dimension (W x H x L)	73.5 x 40 x 265 mm
Input	100-120Vac / 12.5-9.5A / 50-60Hz 200-220Vac / 10-9.5A / 50-60Hz 220-230Vac / 10-9.8A / 50-60Hz 230-240Vac / 10-9.8A / 50-60Hz 200-240Vac / 11.8-9.8A / 50-60Hz (UL/cUL only)
+12V	- Max: 83.3A / Min: 0A (100-120Vac) - Max: 150A / Min: 0A (200-220Vac) - Max: 165A / Min: 0A (220-230Vac) - Max: 166.7A / Min: 0A (230-240Vac) - Max: 166.7A / Min: 0A (200-240Vac) (UL/cUL only)
12Vsb	Max: 2.1A / Min: 0A
Output Type	25 Pairs Gold Finger Connector
Certification	**Titanium Level**

Operating Environment

RoHS	RoHS Compliant
Environmental Spec.	- Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) - Non-operating Temperature: -40°C to 60°C (-40°F to 140°F) - Operating Relative Humidity: 8% to 90% (non-condensing) - Non-operating Relative Humidity: 5% to 95% (non-condensing)