

Scale Logic Object Storage 45Bay



Dimensions

Height	▪ 7" (178 mm)
Width	▪ 17.2" (437 mm)
Depth	▪ 26" (660 mm) ▪ 31" (787.4 mm)
Gross Weight	▪ 188 lbs (85 kg)
Net Weight (empty)	▪ 100 lbs (45.36 kg)
Packaging (W x H x L)	▪ 28" (711 mm) x 33.25" (845 mm) 42.5" (1080 mm)

Expansion Options

- 3x PCIe v3 expansion slot(s) for add on NICs, options include 10Gbit optical or copper, 25Gbit, 40Gbit, and 100Gbit

Included Accessories

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

Key Features

Extreme High Density and High Capacity Object Storage 45Bay with 45 x 3.5" Top Loading SAS 12Gb/s Hot Swap HDD/SSD Bays

Tool-less HDD tray with HDD LED indicator

Object Storage 45Bay uses Dual Expander Backplane Boards to support SAS MPIO path failover

Range of SKUs covering capacity up to 900TB, HDDs or SSDs

1600W (1+1) Redundant High-efficiency Platinum Level Power Supplies

Optimized cooling w/ 5x 80x38mm rear hot-swap fans

Product SKUs

- OM3/45-SAS-YYTBB ▪ Where "YYY" is RAW Capacity
- OM3/45-SAS-YYYPB ▪ Where "YYY" is RAW Capacity

Rear Connections and Ports

- 1 x RJ45 IPMI port, 1 x Console, 1 x VGA, 2 x USB
- 4 x 10GbE optical SFP+

Processor and RAM

- Dual Intel® Scalable processor, 128GB+ RAM depending on SKU

Front Panel

Button	▪ Power On/Off button ▪ Unit Identification (UID) button
LED	▪ Power status LED ▪ 1 Network activity LEDs ▪ System Information LED ▪ Power Fail LED

Systems Cooling

Fans	▪ 5x 80mm rear hot-swap exhaust PWM fan(s)
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System Monitoring

- Chassis intrusion switch
- 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 - 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

1600W redundant power supply, Platinum level with PMBus

Power Efficiency	▪ 94%
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)	▪ 265 x 73.5 x 40 mm
Output Type	▪ Backplanes (gold finger)
+12V	▪ Max: 82A / Min: 0.1A (100Vac - 12 Vac) ▪ Max: 132A / Min: 0.1A (200Vac - 240Vac)
+12Vsb	▪ Max: 2A / Min: 0.2A
Power Distributor	▪ PDB-PT946S-824 ▪ O/P: 12V/168A ▪ +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 ▪ TUV/CB ▪ UL/CUL
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