

Scale Logic 1U Remote Access Portal (RAP)



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

- 2x PCIe v3 x16 expansion slot for add on NIC, options include 10Gbit optical or copper, 25Gbit, 40Gbit, and 100Gbit

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

1U secure server pre-installed with RAP private cloud and remote sync software, optimized for remote editing and creative workflows

2 x SSD Boot Drives per node with CentOS 7.9 OS, RAP Server software, and 2 x 2TB additional mirrored drives for RAP software

Compatible with most existing on-prem storage using SMB (preferred) or NFS, compatible with public cloud including AWS, Azure, Wasabi, and Backblaze

Web browser for file and folder browsing, file preview, file and folder upload/download, and public links sharing with email integration

Sync clients for Mac, Windows, and Linux for home/remote users for syncing any files or folders to a local cache (local cache provided separately)

Optional - RAP-VDI software allowing remote access to edit bays running macOS, Windows, or Linux

Active Directory join and sync or local LDAP for user and group permissions and access

700/750W Redundant PSUs;
Platinum Level

Product SKU

RAP-SVR-BASE-XU ▪ Where "X" is number of users

Rear Connections and Ports

- 2 x 10GBASE-T RJ45 NIC ports, 1 x RJ45 IPMI port, 1 x Console VGA, 2 x USB

Processor and RAM

- Single upgraded Intel® Scalable processor, 32GB RAM

Front Panel

Button	<ul style="list-style-type: none">▪ Power On/Off button▪ Unit Identification (UID) button
LED	<ul style="list-style-type: none">▪ Power status LED▪ HDD activity LED▪ 2 Network Activity LEDs▪ Unit Identification (UID) LED

Systems Cooling

Fans	<ul style="list-style-type: none">▪ 4x 40x56mm counter-rotation PWM fan(s)
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System Monitoring


<ul style="list-style-type: none">▪ Chassis intrusion switch▪ Optional Scale Logic Health Monitoring (phone home)
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Operating Environment (System)

Operating Temperature Range	<ul style="list-style-type: none">▪ 5°C - 35°C (41°F - 95°F)
Non-Operating Temperature Range	<ul style="list-style-type: none">▪ -40°C - 70°C (-40°F - 158°F)
Operating Relative Humidity Range	<ul style="list-style-type: none">▪ 8% - 90% (non-condensing)
Non Operating Relative Humidity Range	<ul style="list-style-type: none">▪ 5% - 95% (non-condensing)

Power Supply

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

Power Efficiency	<ul style="list-style-type: none">▪ 94%
Total Output Power and Input	<ul style="list-style-type: none">▪ 750W with Input 200 - 240Vac▪ 700W with Input 100 - 140Vac
AC Input Frequency	<ul style="list-style-type: none">▪ 50-60Hz
Dimensions (L x W x H)	<ul style="list-style-type: none">▪ 320 x 54.5 x 40.25 mm
Output Type	<ul style="list-style-type: none">▪ Backplanes (gold finger)
+12V	<ul style="list-style-type: none">▪ Max: 62A / Min: 0.5A (200Vac - 24 Vac)▪ Max: 58A / Min: 0.5A (100Vac - 14 Vac)
+5Vsb	<ul style="list-style-type: none">▪ Max: 3A / Min: 0A
Power Distributor	<ul style="list-style-type: none">▪ PDB-PT112-S2424▪ O/P: 12V/54▪ +5V Max: 25A▪ +3.3V Max: 25A▪ -12V Max: 0.6A
Certification	<ul style="list-style-type: none">▪  Platinum Certified

Regulatory (Power Supply)

Power Supply Safety / EMC	<ul style="list-style-type: none">▪ BSMI▪ CCC▪ CE/EMC▪ FCC class A▪ UL/CB▪ UL/CUL
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