Scale Logic IAP2 Power 1U Server

SCALE LOGIC
MEDIA WORKFLOW SOLUTIONS

Key Features

1U dual CPU power server pre-installed with choice of Linux or Windows, optimized for heavy data movement or applications with media transcoding operations

2 x SSD mirrored boot drives with CentOS 7.9 OS or Windows Server installed

Additional 6 x 2.5" SATA/SAS bays for SSD or HDD for database storage or additional storage

Up to 2 add-on NICs and/or HBAs for extending networking or storage device connectivity

IPMI lights out management as standard on every Scale Logic product

700/750W Redundant PSUs; Platinum Level

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

- 1x FH PCIe v3 x16 expansion slot
- options include 10Gbit optical or copper, 25Git, 40Git, and 100Gbit SAS 12Gbit and FC HBA's

Product SKU

IAP2-1USVR-PWR	Installed with CentOS 7.9
SLI-MSWINDOWS-2019	Windows 2019 16 core option

Included Accesories

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

Rear Connections and Ports

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

Optional Accessories

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

Processor and RAM

- Dual 4C/8T upgraded Intel® Scalable processors, 64GB RAM, other configs available by request

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	• 4x 40x56mm counter-rotation PWM fan(s)

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 - 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