

Scale Logic IAP2 Base 1U Server



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 FH PCIe v3 x16 expansion slots
- 1x HH PCIe v3 x8 expansion slot
- options include 10Gbit optical or copper, 25Gbit, 40Gbit, and 100Gbit SAS 12Gbit and FC HBA's

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 utility server pre-installed with choice of Linux or Windows, optimized for data movement and general server applications

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

Additional 8 x 2.5" SATA/SAS bays for SSD or HDD for database storage or additional storage

Up to 3 add-on NICs and/or HBAs for extending networking or storage device connectivity like connecting to a SAS or FC tape library

IPMI lights out management as standard on every Scale Logic product

700/750W Redundant PSUs;
Platinum Level

Product SKU

- | | |
|--------------------|-------------------------------|
| IAP2-1USVR-BASE | ▪ Installed with CentOS 7.9 |
| SLI-MSWINDOWS-2019 | ▪ Windows 2019 16 core option |

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 4C/8T Intel® Scalable processor, 32GB RAM, all other configs available by request

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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