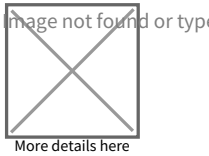


# IoT SuperServer SYS-110A-16C-RN10SP



## Key Applications

1U Short-Depth Edge Server, Network Appliance & Security, SD-WAN and vCPE / uCPE, Hyper Converged Infrastructure,

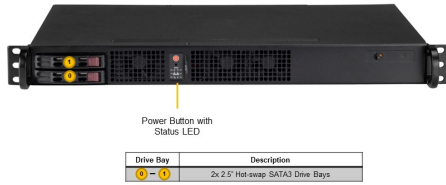
## Key Features

- Intel® Atom® Snow Ridge P5000 16-Core with embedded QAT support;
- 1x PCIe 3.0 x8 expansion for AOC;
- 2 Hot-swap 2.5" SATA3 drive bays;
- 3x 40x28mm 4-PIN PWM fans;
- Cost Effective 1U Short-Depth Chassis with Redundant 300 PSU;
- TPM Onboard and header both, IPMI with OOB support; M.2 selections (M.2 M-Key for SSD, B-Key for WAN or 4G-LTE module, Ekey for WiFi );

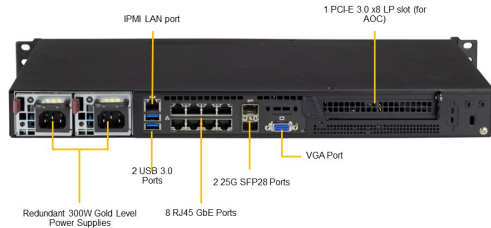


Form Factor	1U Rackmount Enclosure: 437 x 43 x 249mm (17.2" x 1.7" x 9.8") Package: 655 x 155 x 465mm (25.8" x 6.1" x 18.3")
Processor	Intel® Atom® Snow Ridge P5342 Single Socket FCBGA-2106 supported TDP up to 71W;
System Memory	4 DIMM slots
Drive Bays	2x 2.5" hot-swap SATA/SAS drive bays 1x M-Key 2242/2280/22110 (PCIe 2.0 x4/SATA 2.0/USB 2.0) 1x B-Key 2242/3042/2280 (PCIe 2.0 x2/SATA 2.0/USB 3.0) 1x E-Key 2230 (PCIe 2.0 x1/USB 2.0)
Expansion Slots	1 PCIe Gen 3.0 x8 HHHL slot(s)
On-Board Devices	SATA: SATA3.0 Chipset: System on Chip Network Connectivity: 4x 1GbE BaseT with Intel® i350-AM4 LAN controller 4x 1GbE BaseT or 2x 25GbE SFP28 with Intel P5000 SoC IPMI: Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Input / Output	SATA: 2 SATA (6Gbps) port(s) LAN: 1 Dedicated IPMI LAN port 8x 1 GbE 2x 25 GbE USB: 2 USB 3.1 Gen1 port(s) (2 USB) Video: 1 VGA port(s)

(Front View – System)



(Rear View – System)



System Cooling	3 heavy duty fan(s)
Power Supply	300W Redundant module cable Power supply Dimension (W x H x L): 106 x 40.5 x 220 mm
System BIOS	BIOS Type: AMI 32MB UEFI
Management	IPMI (Intelligent Platform Management Interface) v1.5 / 2.0 with KVM support
PC Health Monitoring	FAN: Pulse Width Modulated (PWM) fan connectors Support 3-pin fans (w/o speed control) 3 fans with tachometer status monitoring, Status monitoring for speed control Temperature: CPU thermal trip support Thermal Control for 3 Fan Connectors
Dimensions and Weight	Height: 1.7" (43 mm) Width: 17.2" (437 mm) Depth: 9.8" (249 mm) Gross Weight: 12 lbs (5.44 kg) Net Weight: 8 lbs (3.63 kg) Packaging: 6.1" (H) x 25.8" (W) x 18.3" (D) Available Color: Black
Operating Environment	Operating Temperature: 0°C ~ 40°C (32°F ~ 104°F) Non-operating Temperature: -40°C to 70°C (-40°F to 158°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)
Motherboard	<a href="#">Super A3SSV-16C-SPLN10F</a>
Chassis	CSE-506TS-R000NP