



IoT SuperServer SYS-E102-9AP-LN4-E

Box PC with Intel Atom E3940 and supports 4x GbE LAN ports, 1 HDMI® port, and 3 M.2 B key wireless modules

Key Applications

IoT Gateway, Embedded Networking Applications, Networking Security Appliance, SD-WAN,

Key Features

- Intel® Atom E3940 4C/4T Processor with up to 8GB DDR3L 1866MHz SODIMM;
- Intel® HD Graphics;
- 4x Gigabit LAN Ports (E: Intel® I210 IT);
- 3x M.2 B Key (USB) 2242/3042 with 3x Nano SIM Slot, 1x M.2 E Key 2230 1x 2.5" 7mm Storage Drive;
- 2x USB 3.2 Ports Gen1, 1 HDMI Port, 1 COM Port;

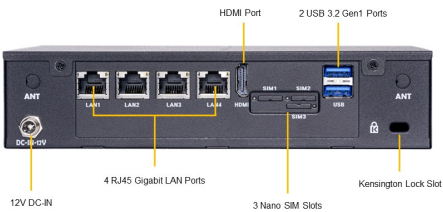


Form Factor	Fan-based Embedded Enclosure: 190 x 44 x 120mm (7.48" x 1.72" x 4.72") Package: 300 x 130 x 279mm (11.81" x 5.12" x 11.02")
Processor	Single processor(s) Intel® Atom® Processor E3940 Up to 4C/4T; Up to 2MB Cache
System Memory	Slot Count: 1 DIMM slots Max Memory (2DPC): Up to 8GB 1866MT/s non-ECC UDIMM
Drive Bays Configuration	Default: Total 1 bay • 1 internal fixed 2.5" SATA drive bay M.2: 1 M.2 SATA slot (M-key 2242)
Expansion Slots	1 M.2 NVMe slot (E-key 2230) 2 M.2 NVMe slots (B-key 2242/3042) 1 M.2 NVMe/SATA slot (B-key 2242/3042)
On-Board Devices	SATA: SATA (6Gbps) Network Connectivity: 4 RJ45 1GbE
Input / Output	LAN: 4 RJ45 1 GbE LAN ports Video: 1 HDMI® 1.4 port(s)

(Front View – System)



(Rear View – System)



System Cooling	Fans: Up to 1x 40mmcm heavy duty fans with optimal fan speed control
Power Supply	1x 60W power supply
System BIOS	BIOS Type: AMIUEFI BIOS Features: UEFI 2.5 SMBIOS 3.0
Management	Supermicro SuperDoctor® 5 (SD5)
Dimensions and Weight	Weight: Gross Weight: 4.5 lbs (2 kg) Net Weight: 2.65 lbs (1.2 kg) Available Color: Black
Operating Environment	Operating Temperature: 0°C to 40°C (32°F to 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	Super A2SAN-LN4-E
Chassis	CSE-E102TF