ADLINK
LEADING EDGE COMPUTING

1U 19” Network Appliance with AMD® Ryzen 7000E Family Processor

CSA-5100A

Datasheet



Features

- 1x AMD Ryzen Family Processor CPUs up to 105W
- 4x DDR5 DIMM sockets, maximum capacity per DIMM32GB, total capacity up to 128GB
- On-board 8xGbE RJ45 Ethernet Ports
  2 x OCPv3 NIC for a wide range of network expansion
- Optional PCIe x8 slot kit
- Flexible storage interfaces: 2x 2.5” SATA, 2x M.2 bays
- CRPS Redundant PSUs supports both AC and -48V DC input
- Applications: SD-WAN, End-to-end encryption, WAN optimization, cloud acceleration, NGFW, advanced threat prevention, mobile security, secure web gateway

Specifications

CPU / Chipset / Memory	CPU	1x AMD Ryzen Family Processor CPUs up to 105W
	Chipset	B650
	Memory	4x DDR5 DIMM sockets -Maximum capacity per DIMM 32GB -Total capacity up to 128G -Non ECC 8G & 16 -ECC 32G - 5200MHz (1DPC); 3600MHz (2DPC)
I/O Interfaces	Expansion	Option1: 2x OCP slots Option1: 2x OCP slots + PICe x8
	Ethernet	1G RJ45 Ethernet port
	USB	2x USB 3.0/2.0 (front)
	Console	1x RJ-45 COM port
	Management	1x RJ-45 COM port
Control Buttons	1x Power button (front) 1x UID button (front)	
Storage	2x 2.5’’ hot-swappable SATA drive bays 2x M-key M.2 (PCIe x2, SATA)	

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Specifications

LEDs	Health, Alert, HDD, Power, UID
Operating System	Ubuntu 22.04 LTS or above (64-bit)
Mechanical and Environmental	Form Factor: 1U 19'' rackmount, 440mm depth Fans: 5x fans, smart fan speed control
TPM	On-board TPM 1.2/ 2.0 module (55-37610-000E / 59-37610-000E)
Temperature and Humidity	Operating: 0°C to +45°C, 5%-95% RH @40°C, non-condensing Storage: -40°C to +70°C, 5%-90% RH, non-condensing
Shock	Operating: Half-sine 2G, 11ms pulse, 100 pulses in each direction Non-operating: Trapezoidal, 25G, 170 inches/sec delta V, three drops in each direction
Vibration	Vibration: compliance to GB4798-3M2 requirements, including sinusoidal vibration, random vibration, shock, free drop Earthquake resistance: compliance to YD5083 9: Level 9.



Front IO View



Rear View

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