

VTK Security OS

Vecow Edge Server Turn-key Solution with Security Optimized Operating System



Features

- Server-level Platform : Intel® Xeon® D-2876NT Processor (Eddy Lake D)
- 2 Front-access 2.5" SSD/HDD Tray, 10 M.2/U.2 PCIe x4 Storage Devices with Intel® VROC Key supports RAID 0, 1, 5, 10
- Enhanced reliability and durability provide long-lasting value to businesses by ensuring consistent performance
- Efficient bulk provisioning and management of appliance nodes for rapid, simplified deployment and configuration
- Fast Installation and Convenient Management
- Security Hardening and Centralized Administration
- User friendly, seamless and dependable operations



ICS-1110S Specifications

System	
Platform	16-core Intel® Xeon® D-2876NT Processor (Eddy Lake D HCC)
Memory	DDR4 UDIMM 3200MHz 16GB
I/O Interface	
Serial	4 COM RS-232/422/485
USB	<ul style="list-style-type: none"> ▪ 2 USB 3.0 ▪ 2 USB 2.0
LAN	<ul style="list-style-type: none"> ▪ LAN 1 to LAN 4: Intel® I350 GigE LAN ▪ LAN 5 to LAN 6: 10G SFP+ LAN by Intel® Xeon® SoC (OS Windows Server support only)
Isolated DIO	16 Isolated DIO (8 DI, 8 DO)
SIM Card	1 External Nano SIM Card Socket
Storage	
SATA	2 SATA III (6Gbps) support software RAID 0, 1
M.2	1 M.2 Key M Socket (2280/22110, PCIe x2/SATA)
U.2	10 U.2 Front-access tray (PCIex4) support RAID 0, 1, 5, 10 *M.2 supported by optional accessory
Expansion	
PCIe	1 PCIe x16 slot with PCIe x2 signal (Gen4)
M.2	<ul style="list-style-type: none"> ▪ 1 M.2 Key B Socket (3042/3052/2280, PCIe x2/USB 3.0) ▪ 1 M.2 Key E Socket (2230, PCIe x1)

Power	
Power Input	DC 16V to 50V Power Input, 2-pin Terminal Block
Remote Switch	3-pin Terminal Block
Mechanical	
Dimensions	243.5mm x 271.3mm x 390.0mm (9.58" x 10.68" x 15.35")
Mounting	Wallmount by mounting bracket
Environment	
Operating Temperature	-25°C to 65°C (-13°F to 149°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Humidity	5% to 95% Humidity, Non-condensing

SW License

Software	
OS	Gemini Central for OS Security

Order Information

VTK-SOS-1000	ICS-1110S, onboard Intel® Xeon® D-2876NT, 1 DDR4 16G, 1 2.5" SSD 512G, 1 PWS-480W, Gemini Security OS SW Licence
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Optional Accessories

Power Cord	By Customer's Request
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