

— ENTERPRISE NETWORK SECURITY

UNIVO SG310

Secure Network Appliance

Enterprise Security in a Compact Fanless Form

A compact 4-LAN appliance powered by Intel® Celeron® J4105, designed for firewall, VPN, WAN failover and network segmentation.

Compact • Silent • Built for 24/7 Operation



4 × 2.5GbE LAN



Intel® Celeron® J4105
Quad-Core Processor



4 × 2.5GbE LAN
Intel® I226V



DDR4 up to 16GB
SO-DIMM Memory



mSATA SSD
Flexible Storage



Fanless 24/7
Silent Operation



Dual HDMI 1.4
Dual Display



Mini PCIe + SIM
Wi-Fi / 3G / 4G

COMPACT POWER & SECURE CONNECTIVITY



High-Speed Networking
Four 2.5GbE ports for flexible routing and segmentation.

Security Ready
Designed for firewall, VPN and secure gateway workloads.

Passive Cooling
Fanless aluminum chassis with natural heat dissipation.

Flexible Expansion
Mini PCIe connectivity with an integrated SIM card slot.

TECHNICAL SPECIFICATIONS

Processor	Intel® Celeron® J4105, 1.50GHz - 2.50GHz
Cores / Threads	4 Cores / 4 Threads
Memory	1 × SO-DIMM DDR4, up to 16GB
Storage	mSATA SSD
Network	4 × 2.5GbE RJ45, Intel® I226V
Graphics	Intel® UHD Graphics 600
Expansion	Mini PCIe for Wi-Fi or 3G/4G + SIM
OS Support	Windows 10/11, Ubuntu 24.04, pfSense CE 2.7.2
Dimensions	133.8 × 126.6 × 36.5 mm
Weight	0.65 kg

PORTS & CONNECTIVITY



Front View

- 1 × MicroSD Card Slot
- 2 × HDMI 1.4
- 1 × Audio Combo Jack
- 1 × USB-C
- 2 × USB 3.0
- 1 × SIM Slot



Rear View

- 4 × 2.5GbE RJ45
- Intel® I226V
- 1 × DC Power Input (12V)
- HDD / Power LEDs

APPLICATIONS

- Firewall & VPN**
Secure your network with advanced firewall and VPN capabilities.
- WAN Failover**
Ensure business continuity with resilient multi-WAN failover.
- Network Segmentation**
Isolate and manage network segments for better security.
- Branch Office Security**
Reliable compact protection for remote and branch offices.



Secure Gateway
Firewall, VPN and segmentation ready.



24/7 Reliability
Passive cooling for continuous use.



Flexible Expansion
Mini PCIe and SIM support.



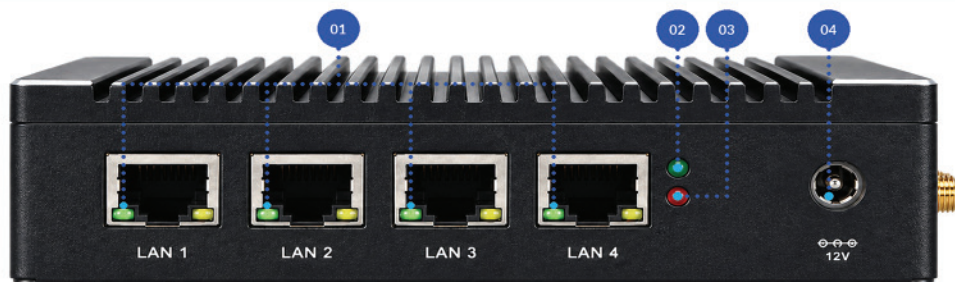
Easy Deployment
Compact, low-maintenance platform.

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I/O & Mechanical Details

INTERFACE OVERVIEW

LAN SIDE



I/O SIDE



I/O PORT LEGEND

01 LAN × 4 / 2.5GbE RJ45	02 HDD LED	03 Power LED	04 DC-IN 12V	05 TF Card Slot
06 HDMI 1.4	07 HDMI 1.4	08 USB Type-C	09 USB 3.0 × 2	10 SIM Card Slot

MECHANICAL / PACKAGE SPECIFICATIONS

Dimensions	133.8 × 126.6 × 36.5 mm	Fanless Thermal Design	12V / 3A Input
Machine Weight	0.65 kg		
Gross Weight	1.3 kg	VESA Mount Ready	Protected Packaging
Chassis	Aluminum alloy, compact fanless design		
Heat Dissipation	Passive cooling / natural heat dissipation		
Mounting	Dedicated bracket; VESA bracket supported		
Packing Box	Kraft paper box with anti-shock corrugated outer carton		
Packing List	Machine, power cable, power adapter, screws bag, QA card, user manual and VESA bracket		

Firewall
 VPN
 WAN Failover
 Network Segmentation