

VP-210

Desktop Network Security Platform With
Marvell OCTEON CN102 Series



Images are for reference only. See ordering information for SKU details.

■ Features

- Marvell OCTEON CN102 Series
- DDR5 4800 MHz SO-DIMM, Max 128GB
- 8x 2.5GbE RJ45, 2x10GbE Combo (RJ45/SFP+), 2x 10GbE SFP+ (By SKU),
1x Console, 1x USB3.0, 2 Pairs Of Laner Gen 3 Bypass
- 8x SMA Connectors For LTE/5G, 2x SMA Connectors For Wi-Fi
- 2x M.2 B Key (3042/3050/3052) For LTE/5G
- 1x M.2 E Key (2230) For Wi-Fi
- 1x M.2 M Key (2280) For NVMe Storage
- 2x Nano SIM Sockets
- Optional Support For 2x or 4x POE++ Through POE++ Module

■ Specifications

Platform	
Form Factor	Desktop
Processor Options	Marvell OCTEON CN102 Series
Core Numbers	CPU TDP: 2.5GHz 26W/1.6GHz 18W (By SKU)
CPU Socket	Onboard
Security Acceleration	Crypto 50G IMIX Unidir + ~12K RSA 2K OPS
BIOS	N/A
System Memory	
Technology	DDR5 4800 MHz SO-DIMM
Max. Capacity	128GB
Socket	1 x 262-pin SO-DIMM
Networking	
Ethernet Ports	8 x 2.5 GbE RJ45 2 x 10 GbE Combo (RJ45/SFP+) 2 x 10G SFP+ (By SKU)
NIC Module Slot	N/A
I/O Interface	
Reset Button	1
LED	Power/Status/Storage
Power Button	1
Console	1 x RJ45
USB	1 x USB 3.0
LCD Module	N/A
Display	N/A
Power Input	1 x Or 2 x DC Jack With Lock (By SKU)
Storage	
HDD/SSD Support	N/A
Expansion	
PCIe	N/A
Mini-PCIe/M.2	1 x Or 2 x M.2 B Key (3042/3050/3052) For LTE/5G (By SKU) 1 x M.2 E Key (2230) For Wi-Fi 1 x M.2 M Key (2280) For NVMe Storage
SIM Card Slot	2 x Nano SIM For LTE/5G

Miscellaneous	
Watchdog	Yes
Internal RTC With Li Battery	Yes
TPM	SPI TPM 2.0
Cooling	
Processor	Passive CPU Heatsink
System	2 x Cooling Fans With Smart Fan
Environmental Parameters	
Temperature	0~40°C Operating -40~70°C Non-Operating
Humidity (RH)	5~90% Operating 5~95% Non-Operating
System Dimensions	
(WxHxD)	310 x 44 x 265 mm
Weight	TBD
Package Dimensions	
(WxHxD)	480 x 340 x 145 mm
Weight	TBD
Power	
Type / Watts	90W Power Adapter
Input	AC 100~240V@50~60Hz
Certification	
Approvals and Compliance	RoHS, CE/FCC Class B (Without PoE+), UL, VCCI, UKCA

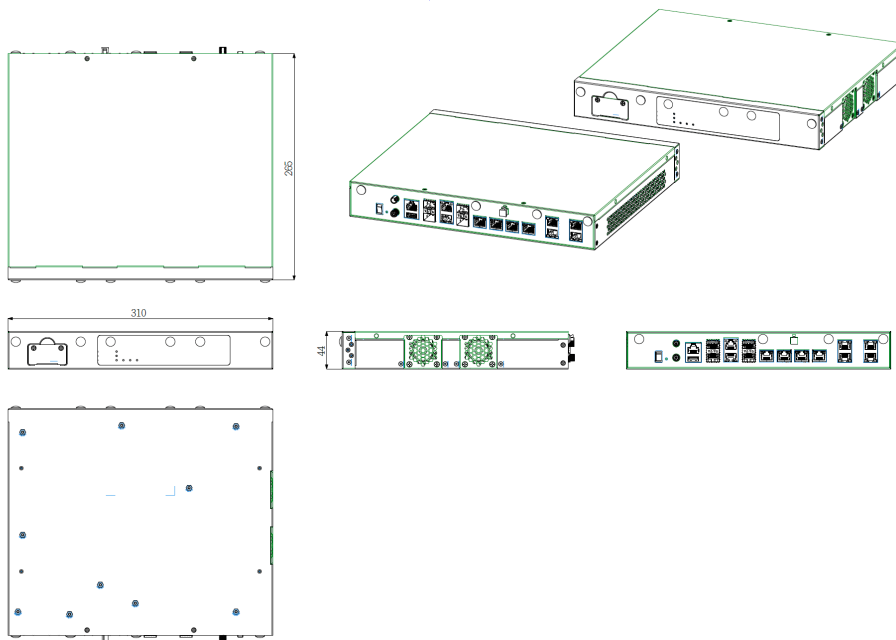
Product I/O View

Images are for reference only. See ordering information for SKU details.



- | | | |
|------------------------------|-------------------------------------|---------------------|
| A Power Button | D 2x 10GbE Combo (RJ45/SFP+) | G SIM Cover |
| B 2x DC Jack (By SKU) | E 2x 10GbE SFP+ (By SKU) | H Status LED |
| C Console & USB 3.0 | F 8x 2.5GbE RJ45 | |

Dimensions (WxHxD): 310 x 44 x 265 mm



Ordering Information

- | | |
|---------|---|
| VP-210A | CN10208, 1x 4800MHz DDR5 SO-DIMM, Max. 128GB, 8x2.5GbE + 2x10GbE Combo (RJ45/SFP+) + 2x SFP+, 90W Adapter |
| VP-210B | CN10208, 1x 4800MHz DDR5 SO-DIMM, Max. 128GB, 8x2.5GbE + 2x10GbE Combo (RJ45/SFP+), 90W Adapter |

V1-2024.08.21

Lanner

© Lanner Electronics Inc. All rights reserved.
All product specifications are subject to change without notice.
contact@lannerinc.com | www.lannerinc.com