

VP-200

Fanless Desktop Network Security Platform With
NXP LS1046A SoC



■ Features

- NXP LS1046A SoC
- DDR4 2100 MHz ECC Or Non-ECC UDIMM, Max. 64GB
- 2x SFP/RJ45 GbE Combo Ports, 4x RJ45 GbE Ports, 1x Console Port, 1x USB 3.0, 1x Pair Of Gen3 Bypass (By SKU)
- 4x SMA Connectors For LTE/5G, 2x SMA Connectors For WIFI
- 1x Mini-PCIe, 1x M.2, 2x Nano SIM Slots
- Optional Support For 2x POE+ Through POE+ Add-on Card

■ Specifications

Processor System

CPU	NXP LS1046A
Frequency	1.8GHz
Core Number	4
BIOS	N/A
Chipset	SoC

Memory

Technology	DDR4 2100 MHz UDIMM
Max. Capacity	32GB (TBD)
Socket	1 x 260-pin SODIMM

Ethernet

Controller	6x RTL8211FS
Speed	10/100/1000 Mbps
Interface	RJ45 (Optional Support For 2 x PoE+)
Bypass	1 x Pair of Gen 3 (By SKU)

Storage

Type	SATA
Installation	1 x M.2 2280 SSD (SATA Signal)
Onboard Slots	1 x Onboard EMMC 16G

I/O

Reset Button	1 x Reset Button, Software Reset
Console	1 x RJ45
USB	USB 3.0 x 1
IPMI	N/A
Display	N/A

Expansion

PCIe	N/A
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PCI	N/A
Mini-PCIe/M.2	N/A
SIM	2 x Nano SIM Slots

Cooling

Processor	Passive CPU Heatsink
System	Fanless

Environment

Operating Temperature	0 ~ 40°C
Storage Temperature	-40 ~ 70°C
Relative Humidity	5% ~ 90%, Operating 5% ~ 95%, Non-operating

Miscellaneous

LCD Module	N/A
Watchdog Timer	Yes
Internal RTC with Li Battery	Yes

Mechanical

Fanless	Yes
Dimension (W x H x D)	231 x 44 x 200 mm
Weight	2 kg
Mounting	(Optional Kit) Rackmount/Wallmount/ Dinrail

Power

Type / Watts	60W Power Adapter
Input	AC 90~264V@47~63 Hz

Driver Support

Microsoft Windows	N/A
Linux	Linux

Certification

EMC	CE/FCC Class B (Without PoE)
Safety	RoHS, UL, UKCA, VCCI (By Request)

Product I/O View

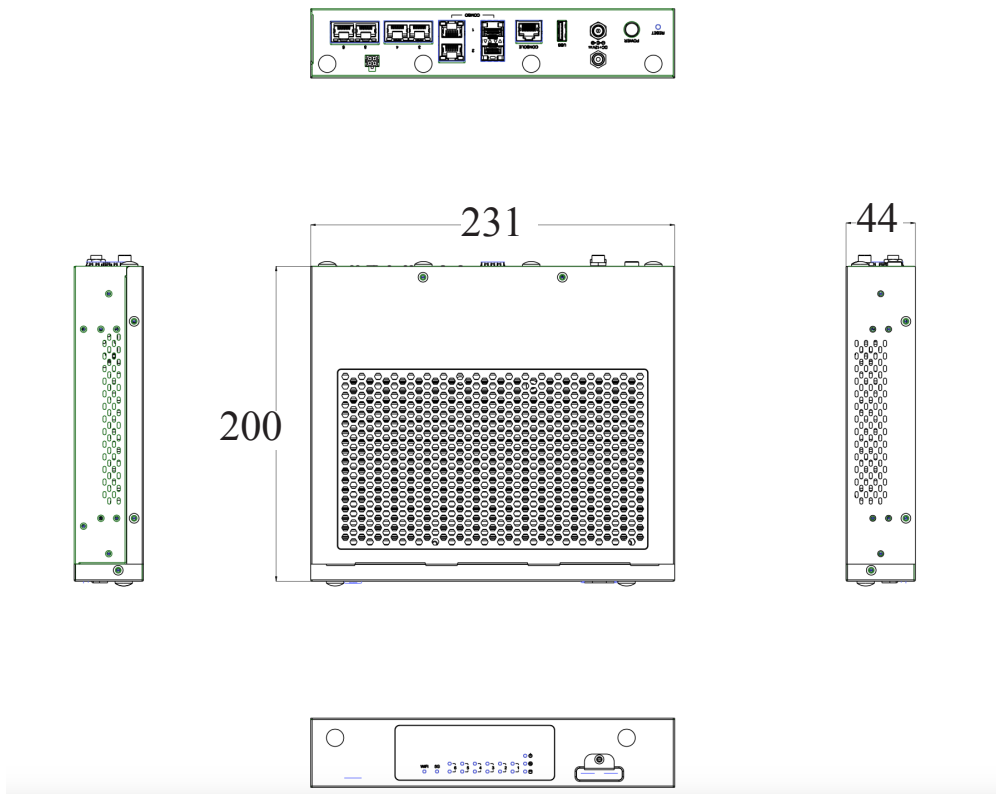


- A Status LED
- B Reset Button
- C Power On/Off

- D DC Jack
- E USB 3.0
- F Console

- G SFP/RJ45 Combo Ports
- H 4x GbE RJ45

Dimensions (W x H x D) 231 x 44 x 200 mm



Ordering Information

VP-200A	NXP LS1046A SoC, 2x SFP/RJ45 Combo Ports, 4x RJ45 Ports, 60W PSU, 1x Pair of Gen3 Bypass
VP-200B	NXP LS1046A SoC, 2x SFP/RJ45 Combo Ports, 4x RJ45 Ports, 60W PSU, No Bypass

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Lanner

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contact@lannerinc.com | www.lannerinc.com