

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

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)

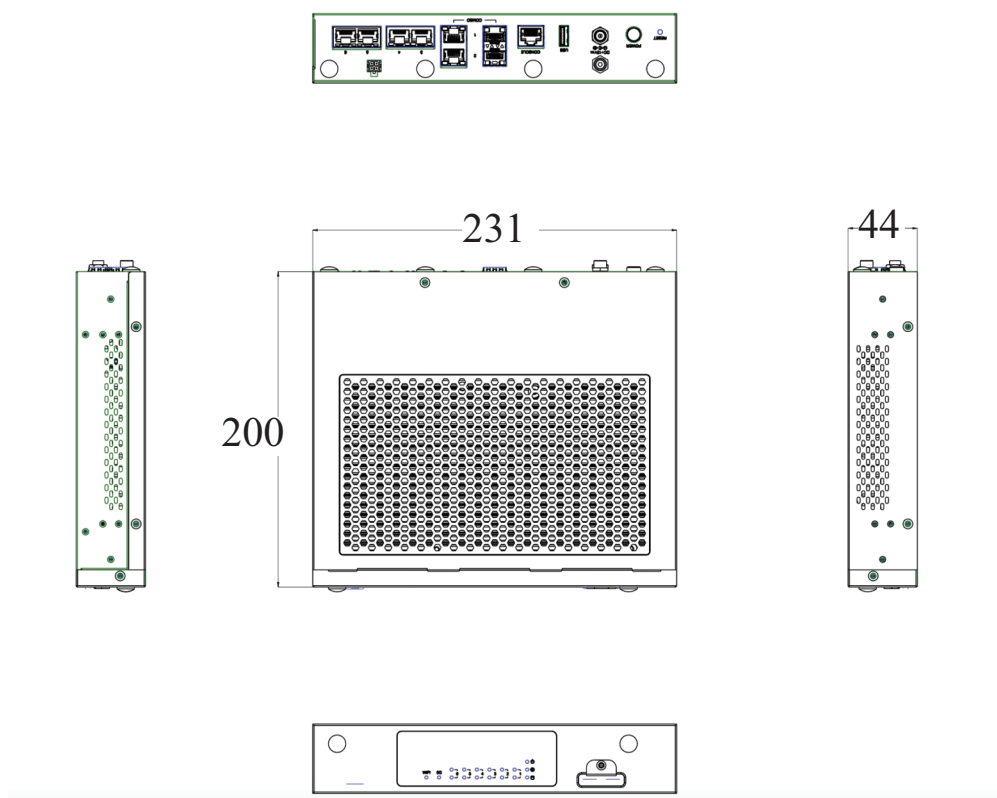
Safety RoHS, UL, UKCA, VCCI (By Request)

Product I/O View



- | | | |
|-----------------------|------------------|-------------------------------|
| A Status LED | D DC Jack | G SFP/RJ45 Combo Ports |
| B Reset Button | E USB 3.0 | H 4x GbE RJ45 |
| C Power On/Off | F Console | |

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