

### Product Overview

Xentino **TR208** 1U Appliance are designed for unique office network applications like firewall, router or SDWAN device. The minicomputer's compact small size, durability, high reliability, universal performance and low power requirement help users getting much better computing experience.



### Main Features

#### Memory & Storage

Memory types : **16GB** DDR4 (MAX 64GB)  
Storage : 1\* mSATA 256G SSD, 1\* M.2 2280 Nvme/NGFF SSD  
support 2.5inch SATA HDD

#### Faster Running Speed

Equipped with **Intel Core I7** 8700 6\*Cores, 12\*Threads, 12M Cache, 3.2 to 4.6Ghz. Powerful hardware makes it run more stable.

#### Ethernet Interfaces

Equipped with **8x2.5G** Ethernet Interface (Intel I226-V) and **2x10G SFP+** (Intel 82599) Port.

#### Rich I/O Interfaces

Equipped with **1xVGA** (HDMI is Optional) Interface, **2xUSB3.0** Interfaces, **1xConsole** and the Ethernet Interfaces.

#### OS Support

Supports most using **Windows** and different **Linux** Operating Systems types. It supports PFSense.

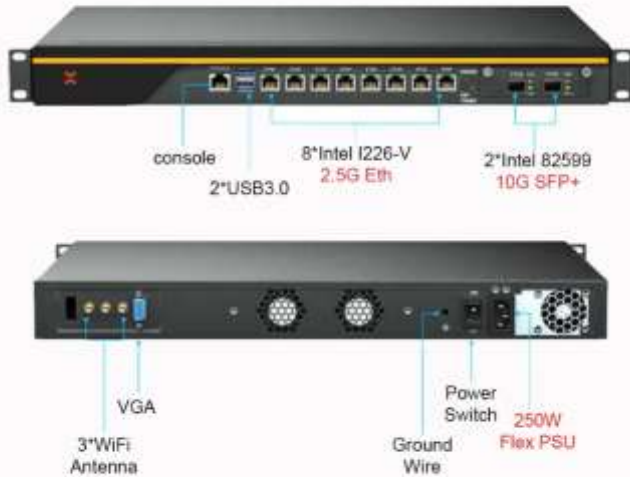
#### Enviromental Support

Wide range working tempature powerfull 250W PSU. 230\*230mm mainboard with a CPU radiator and fan (supports smart temperature control)

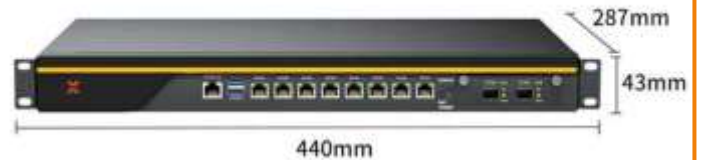
### SPECIFICATIONS

Specifications	
Case Color	Grey
Material	Metal Case
CPU	<b>Intel Core I7 8700</b> 6Cores, 12Threads, 12M Cache, 3.2 to 4.6Ghz
Mainboard	230*230mm mainboard with a CPU radiator and fan (supports smart temperature control)
RAM	<b>16G</b> , 2* DDR4 Memory slot up to 64G
Storage	1* mSATA <b>256G SSD</b> , 1* M.2 2280 NVme/NGFF SSD support 2.5inch SATA HDD
Display	1*VGA ( <b>HDMI optional</b> )
I/O	2*USB3.0
	1*VGA
	2*LED (power supply, hard disk indicator)
	8* RJ45 LAN Ports +1* Console Port + 2*10G SFP Ports
	1*Power LED
	1*Power Switch
	1*AC Power Jack
Network Card	<b>8*Intel I226-V 2.5G Ethernet</b> <b>2*Intel 82599 10G SFP+ Port</b> Support AES-NI, ESXI, PVE, Watchdog, Auto power on, RTC, PXE boot, Wake-on-LAN
Expansion	1*Mini PCIE slot for <b>WiFi Module</b> (optional) 1* Mini PCIE slot for <b>4G Module</b> (SIM) (optional)
Watch Dog Timer	Support
Power Supply	<b>250W</b> Flex PSU
Operating System	Windows, Linux, Pfsense
Working Temperature	-10°C - 60°C
Working Humidity	0% - 95% relative humidity, Non-condensing
Dimensions (cm)	Device size 44*25*4.45cm Single package size 52.2*12.5*37.5cm
Weight (kg)	4.75kg/CTN

### Interfaces



### Sizing



## CPU Mark Rating

As of 2nd of June 2021 - Higher results represent better performance

Intel Core i3-6100 @ 3.70GHz		4,164
Intel Core i3-7100 @ 3.90GHz		4,350
Intel Core i3-8100 @ 3.60GHz		6,169
Intel Core i3-9100 @ 3.60GHz		6,628
Intel Core i5-6400 @ 2.70GHz		5,159
Intel Core i5-7400 @ 3.00GHz		5,512
Intel Core i5-8400 @ 2.80GHz		9,247
Intel Core i5-9400 @ 2.90GHz		9,485
Intel Core i7-6700 @ 3.40GHz		8,086
Intel Core i7-7700 @ 3.60GHz		8,654
Intel Core i7-8700 @ 3.20GHz		13,012
Intel Core i7-9700 @ 3.00GHz		13,384

Preferred configuration plan

### Featured hardware boot in seconds

Refusing to wait for a long time, faster reading and writing speed



### SSD

Fast reading and writing, anti-shock and anti-drop

The reading speed is 4-8 times that of a mechanical hard disk, which is more shock and drop resistant than a mechanical hard disk



### DDR4

Faster response, lower power consumption

Good compatibility voltage is only 1.2V

### Passive cooling Metal body scientific heat dissipation

The heat conduction design of the aluminum alloy shell is a more scientific solution for heat dissipation.

The heat dissipation area is large, there is no fan noise, and there is no dust in the machine, which makes the life of the hardware longer and the machine runs more stable.



Large heat dissipation area



No noise



No dust inside



Stable operation



### Boxing and Contents



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