



Linewize Filter Appliance 40D - US Region



Front View

Deployment¹

Students	• Up to 7,500
Devices	• Up to 20,625
Throughput	• Up to 3Gbps

¹ The number of users a network appliance can handle depends on user activity, type of traffic, simultaneous usage, and interface type. These factors affect bandwidth consumption and processing resources, impacting overall network performance.

Processor

CPU	• 1 x Intel® Xeon® Silver 4214R Processor
Clock Speed	• 2.40GHz
Cores	• 12
Intel Virtualization Technology	• Yes
Hyper-Threading	• Yes
Average CPU Mark	• 22,642
Single Thread Rating	• 1,968 MOps/Sec

System Memory

Memory Capacity	• 64GB
Memory Type	• DDR4
Speed	• 3200MHz

Storage

Storage Capacity	• 480GB SSD
HDD	• 4 x front hot-swap 3.5" PCIe 4.0 NVMe®/SAS®/SATA drive bay(s)
Interface	• 6.0Gb/s Serial ATA
Speed	• 3200 MHz

Network Interface Cards

Onboard	• 2 x 1Gbps
Expansion	• 4 x 1Gbps RJ45 (Ethernet) • 2 x 10Gbps RJ45 (Either 10Gb PCI-E NIC Dual SFP+ Port optional SR or LR with LC connectors or Dual port Ethernet NIC with bypass 10GB SFP+ Fiber SR LC connectors)

Chassis

Form Factor	• 1U Rackmount
Height	• 1.7" (43mm)
Width	• 17.2" (437mm)
Depth	• 19.98" (507 mm)
Gross Weight	• 30.4 lbs (13.8 kg)
Color	• Black

Power Supply

Power Supply	• 400W Titanium Level
Redundant Power	• Yes
Certification	• Titanium Level

Operating Environment

Operating Temperature	• 10°C ~ 35°C (50°F ~ 95°F)
Non-Operating Temperature	• -40°C to 70°C (-40°F to 158°F)
Operating Relative Humidity	• 8% to 90% (non-condensing)
Non-Operating Relative Humidity	• 5% to 95% (non-condensing)