

Deployment¹

Students	<ul style="list-style-type: none"> • up to 35,000
Devices	<ul style="list-style-type: none"> • up to 96,250
Throughput	<ul style="list-style-type: none"> • up to 10Gbps

Processor

CPU	<ul style="list-style-type: none"> • Intel Xeon Gold 6238R
Clock Speed	<ul style="list-style-type: none"> • 2.20GHz
Cores	<ul style="list-style-type: none"> • 28
Intel Virtualization Technology	<ul style="list-style-type: none"> • Yes
Hyper-Threading	<ul style="list-style-type: none"> • Yes
Average CPU Mark	<ul style="list-style-type: none"> • 37,511
Single Thread Rating	<ul style="list-style-type: none"> • 2,362MOps/Sec

System Memory

Memory Capacity	<ul style="list-style-type: none"> • 96GB
Memory Type	<ul style="list-style-type: none"> • DDR4
DIMM Sizes	<ul style="list-style-type: none"> • 2,666MHz

Storage

Storage Capacity	<ul style="list-style-type: none"> • 240GB SSD
HDD	<ul style="list-style-type: none"> • 4 Hot-swap 3.5" SATA3 drive bays
Interface	<ul style="list-style-type: none"> • 6.0Gb/s Serial ATA

Network Interface Cards

Onboard	<ul style="list-style-type: none"> • 2 x 1Gbps
Expansion	<ul style="list-style-type: none"> • 4 x 10Gbps RJ45 (Either 10Gb PCI-E NIC Dual SFP+ Port optional SR, LR; or LRM Modules with LC connectors or Dual port Ethernet NIC with bypass 10GB SFP+ Fiber SR LC connectors)



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

Chassis

Form Factor	<ul style="list-style-type: none"> • 1U Rackmount
Height	<ul style="list-style-type: none"> • 1.7" (43mm)
Width	<ul style="list-style-type: none"> • 17.2" (437mm)
Depth	<ul style="list-style-type: none"> • 19.9" (503mm)
Weight	<ul style="list-style-type: none"> • Net Weight: 17.6 lbs (8 kg) • Gross Weight: 30.4 lbs (13.8 kg)
Color	<ul style="list-style-type: none"> • Black

Power Supply

Power Supply	<ul style="list-style-type: none"> • 400W 1U Redundant Power Supply with PMbus
Redundant Power	<ul style="list-style-type: none"> • Yes
Certification	<ul style="list-style-type: none"> • Platinum Certified



Operating Environment/Compliance

RoHS	<ul style="list-style-type: none"> • RoHS Compliant
Environmental Spec	<ul style="list-style-type: none"> • Operating Temperature: 10°C to 35°C (50°F to 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)