

Nexusguard Bastions Server

R650-40G Specifications



Hardware

Network interfaces

Rack unit

Dimensions

Weight

Power Supply

Operating temperature

Operating humidity

Operational altitude de-rating

Deployment

Design

NetShield engine

Network interface options

Uplink routers

No. of ASN supported

BGP

Max no. of flow data source

Flow protocol support

Flow data rate

Sampling rate

No flow data alert

OOB interface & bandwidth requirement

SNMP support

IP support

OOB IP

Performance

L3 forwarding rate in bps - NetShield

L3 forwarding rate in pps - NetShield

Security

Security notes

Dell Networking Transceiver 10 Gbe SFP + SR / 850nm

1U

WxDxH: 482 mm x 809 mm x 42.8 mm without bezel

WxDxH: 482 mm x 823 mm x 42.8 mm with bezel

21.2 kg

1400W AC (50/60 Hz, 100~240 V AC/12-8A, 8459 BTU/hr)

1100W ~48 VDC (~48 ~60 VDC/27A, 4265 BTU/hr)

10 (50°F) to 35°C (95°F) with no direct sunlight on the equipment
(for altitudes <= 900 m)8% RH with -12°C minimum dew point to 80% RH with 21°C (69.8°F)
maximum dew pointMaximum temperature reduces by 1°C/300 m (33.8°F/984 ft)
above 900 m (2953 ft)

Standalone

1

10 Gbps RJ45 | 10 Gbps SR MM via transceiver | 10 Gbps LR SM via transceiver

5 (must support PBR/VRF & BGP)

1

eBGP or iBGP

5

Netflow v5 / 9

IPFIX

sflow v2 / 4 / 5

Netstream v5 / 8 / 9

50 kfps

< 1:1000

Supported via Notifier app

mgt-0 1 Gbps RJ45 | mgt-1 1 Gbps RJ45 | iDRAC 1 Gbps RJ45

Recommended bandwidth - 1 Gbps

v2c

CP - IPv4 & IPv6

OP - IPv4

1x /29

default gateway + R650 iDRAC + R650 management x4

40 Gbps

37 Mpps

Management traffic exchanged between commander
@ R650 and Nexusguard cloud are transmitted through an encrypted channel.

OOB interface shall be protected by ACL
@ border router to restrict unauthorized access.