

VMware Cloud on Dell EMC Datasheet

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R1.110V and R1.220V Datasheet

Compute Instance

Component	Description
Instance Type	G1
Chassis	1 U1N (Dell VxRail E560F)
CPU Sockets	1
CPU cores	20
CPU frequency/cache	2.5 Ghz (3.9 Ghz max Turbo)/27.5 MB
RAM	192 GB (2933 Mhz)
Cache SSD	800 GB NVME (Mixed Use SAS SSD)
All flash storage	11.5 TB Read Intensive SATA SSD
Network Interfaces	Redundant 10 Gbps
Power Supplies	Redundant 750 W 100-240v

Rack Components

R1.110V and R1.220V Component	Number of Components
Host	3–5
SD-WAN devices by VeloCloud	2
ToR Switch	2
Management Switch	1
UPS	1
UPS only enables power resilience for a proper shutdown.	
PDU	3

Rack Dimension

Dimension	R1.110V	R1.220V
Width	23.6 inches	23.6 inches
Depth	42.1 inches	42.1 inches

Dimension	R1.110V	R1.220V
Height	47.2 inches	47.2 inches
Weight	100–120 Volts: Maximum weight is 810 pounds	200–240 Volts: Maximum weight is 926 pounds

Environmental Requirements

Component	R1.110V and R1.220V
Temperature	10–35°C (50–95°F) with no direct sunlight on the equipment.
Relative humidity	10–80 percent with 29°C (84.2°F) maximum dew point.

Power Requirements

Component	R1.110V (100–120 Volts)	R1.220V (200–240 Volts)
Circuit	30 Amps	30 Amps
Power socket	NEMA L5-30 R	NEMA L6-30 R
Power source distance from the bottom of the rack	6 Feet	8 Feet

Networking Requirements

R1.110V and R1.220V	Description
Ports	The following ports are open for connecting your SDDC to VMware Cloud: <ul style="list-style-type: none"> ■ TCP: 443 ■ UDP: 2426
Data ToRs	<ul style="list-style-type: none"> ■ Require IP addresses to configure a point-to-point direct static route between the ToRs and your network. ■ IP addresses can be either four or eight based on whether you require one or two uplinks to be connected from each ToR to the router.
SD-WAN devices by VeloCloud	Two SD-WAN devices of the same model are available in the Rack. Ensure that you have an internet connectivity to both these devices on the TCP: 443 and UDP: 2426 ports.