

Overview

The TCPWave TW260 appliance is a small, affordable, yet powerful DDI hardware appliance ideal for remote DNS/DHCP operations. The TW260 hardened server is based on the rock solid, industry-proven Dell PowerEdge R260XE. Together, TCPWave and Dell specify, validate, and deliver a platform consisting of TCPWave secure software that optimally controls and future proofs your DDI environment.

The TW260 is available in the Remote configuration which provides the secure communication layer along with DNS/DHCP and other network services (NTP, SNMP, resiliency) that are tailored to provide non-stop DNS/DHCP functionality.

An IPAM appliance must also be included to provide the IP Address Management functionality. The IPAM appliance can be a high-end TW760, mid-range TW470 or a VM software appliance running on-prem or in the Cloud.



Features

- TCPWave is the single source for both hardware and software
- Simplified “rack and stack” installation and turn-up of DNS/DHCP services
- Intel® Xeon® multi-core and multi-threading enables simultaneous processing within appliance
- Green technology saves power during idle states
- Advanced “Lights Out” management allows administrators to quickly interact with appliance and diagnose any potential hardware issues
- Hardware repair and replacement by dedicated Dell technicians minimizes downtime

Code Example

Technical Specifications

Feature	Specification
Form Factor	1U Rack-Mountable "Pizza Box" server
Processor	Intel Xeon® 6 Performance 6325P, 3.5GHz, 12M Cache, Turbo, 55W, 4 Cores (4 Threads)
Software	TW260 platform includes security-hardened 64-bit Linux (based on Alma Linux). TCPWave Remote DNS/DHCP software
Memory	32 GB (5600MT/s ECC UDIMM)
Storage	1 x 2TB Hard Disk
Performance	DNS: 700,000 (700K+) queries per second (QPS). DHCP: 2,200+ leases per second (LPS)
Power Supply	1 x 450W Cabled Power Supply
Environmental Specifications	Continuous operations: 10°C to 35°C (50°F to 95°F) at 8% to 80% RH with 21°C (69.8°F) dew point. For additional environmental information, please refer to the Dell R260 Product Environmental Datasheet or contact TCPWave Support.
Voltage	Voltage: 100-240 VAC, auto-ranging, 50/60 Hz (1.4 amps).
Thermal Load	Idle: 26 Watts, 88.7 BTU/Hr; 50% CPU: 53 Watts, 180.8 BTU/Hr; 100% CPU: 84 Watts, 286.6 BTU/Hr
Lights Out Management	Dell iDRAC9 Enterprise Lights Out Management remote management
Network Connections	6 Gigabit Ethernet NICs
External I/O Ports	1 USB 2.0 (Front), 1 USB 2.0 (Back), 1 USB 3.2 Gen1 (Back), 1 iDRAC9 NIC (Back), 1 VGA Display (Back)
Mounting Hardware	Included
Dimensions	Height: 42.8 mm (1.68 in), Width: 482.0 mm (18.97 in) with rack latches, Depth: 496.8 mm (19.55 in) including bezel and power supply.
Weight	9.45Kg (20.83 lb)
Hardware Service/Repair	3 or 5 Years of Next Business Day On-Site Service (Worldwide); Additional Years and 4-Hour Mission Critical On-Site Maintenance is also available.