**Dell N1524 24 Port Layer 2 Managed Switch**

**Must be compatible with existing pass-through network traffic**

**No outside hardware installation required**

**Crescent Valley Elementary School = 6 Switches**

**Eureka Elementary School = 6 Switches**

**Eureka County High School = 10 Switches**

**22 Total Switches**

**N1524:**  
Standard Port Attributes:  
24x 1GbE RJ45 auto-sensing (1Gb/100Mb/10Mb) fixed ports

Switch Attributes

Line-rate Layer 2 switching: standard  
Line-rate Layer 3 routing: standard  
CPU Memory: 1GB  
Flash Memory: 256MB  
Packet Buffer Memory: 1.5MB  
Dual firmware images on-board: standard  
Temperature sensors for environmental monitoring: standard  
Cable diagnostics: Standard  
Optical transceiver (SFP/SFP+) diagnostics: standard  
Switch auditing support: standard  
UDLD: standard

**N1524:**  
Switch Fabric Capacity (full duplex): 128Gbps  
Forwarding Rate: 128Mpps

Port Attributes

**Standard Traffic-Port Attributes**  
Integrated 10GbE SFP+ dedicated ports (beyond standard ports): 4

**Traffic-Port Features**Auto-negotiation for speed and flow control: standard   
Auto MDI/MDIX: standard  
Port mirroring: standard  
Flow-based port mirroring: standard  
Broadcast storm control: standard  
Energy Efficient Ethernet per port settings: standard  
Port Profile support including Admin profiles: standard

**Management- & Configuration-Port Attributes**  
1 RJ45 console/management port with RS232 signaling: standard  
1 Out-of-Band (OOB) Management Port

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Standard Port Attributes:  
24x 1GbE RJ45 auto-sensing (1Gb/100Mb/10Mb) fixed ports