

## **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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