**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

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