

| | AN-320-SW-F-16-POE | AN-320-SW-F-24-POE | AN-320-SW-F-8-POE |
|---|--|--|--|
| Rack Spacing | 1U | 1U | 1U |
| RJ-45 1000BASE-T Ports | 16 | 24 | 8 |
| SFP Uplink 1000BASE-X Ports | 2 | 2 | 2 |
| POE Ports | 16 | 24 | 8 |
| Flash Memory | 16MB | 16MB | 16MB |
| SDRAM Memory | 128MB | 128MB | 128MB |
| Packet Buffer | 512KB | 512KB | 512KB |
| MAC Table Size | 8K | 8K | 8K |
| Switching Capacity | 36Gbps | 52Gbps | 20Gbps |
| Forwarding Rate | 26.8Mpps | 38.7Mpps | 14.8Mpps |
| PoE Features | 802.3af/at Compliant Max. Simultaneous Power per Port: 15W PD Classification | 802.3af/at Compliant Max. Simultaneous Power per Port: 15W PD Classification | 802.3af/at Compliant Max. Simultaneous Power per Port: 15W PD Classification |
| PoE Max Power Output (each port) | 30W | 30W | 30W |
| PoE Power Budget | 250W | 375W | 130W |
| Power Features | Enabled/Disable per Port Priority Setting per Port Overloading Protection per Port Power Level Setting per Port | Enabled/Disable per Port Priority Setting per Port Overloading Protection per Port Power Level Setting per Port | Enabled/Disable per Port Priority Setting per Port Overloading Protection per Port Power Level Setting per Port |
| Flow Control | 802.3x, Back Pressure | 802.3x, Back Pressure | 802.3x, Back Pressure |
| Spanning Tree | 802.1D (STP) 802.1w (RSTP) 802.1s (MSTP) | 802.1D (STP) 802.1w (RSTP) 802.1s (MSTP) | 802.1D (STP) 802.1w (RSTP) 802.1s (MSTP) |
| VLAN Features | 802.1Q VLAN Group Port-based VLANs Private VLANs Voice VLAN | 802.1Q VLAN Group Port-based VLANs Private VLANs Voice VLAN | 802.1Q VLAN Group Port-based VLANs Private VLANs Voice VLAN |
| Link Aggregation Features | Static, 802.3ad LACP Max. Ports Per Group: 8 Max Group: 8 | Static, 802.3ad LACP Max. Ports Per Group: 8 Max Group: 8 | Static, 802.3ad LACP Max. Ports Per Group: 8 Max Group: 8 |
| Multicast Features | IGMP Snooping v1/v2/v3 MLD Snooping v1/v2 IGMP Querier IGMP Immediate Leave | IGMP Snooping v1/v2/v3 MLD Snooping v1/v2 IGMP Querier IGMP Immediate Leave | IGMP Snooping v1/v2/v3 MLD Snooping v1/v2 IGMP Querier IGMP Immediate Leave |
| Jumbo Frame Support | 9K | 9K | 9K |

| Feature Support | Series 1 | Series 2 | Series 3 |
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| Storm Control | Broadcast/UnKnown Multi-cast/Unknown Unicast | Broadcast/UnKnown Multi-cast/Unknown Unicast | Broadcast/UnKnown Multi-cast/Unknown Unicast |
| L2 Features | HOL Blocking Forwarding Mode: Store-and-forward Energy Efficient Ethernet: IEEE 802.3az LLDP (IEEE802.1ab) | HOL Blocking Forwarding Mode: Store-and-forward Energy Efficient Ethernet: IEEE 802.3az LLDP (IEEE802.1ab) | HOL Blocking Forwarding Mode: Store-and-forward Energy Efficient Ethernet: IEEE 802.3az LLDP (IEEE802.1ab) |
| QoS Features | Priority Queues: 8 queues/port Rate Limiting Ingress: 1 Kbps/1 pps Rate Limiting Egress: 1 Kbps/1 pps DiffServ(RFC2474) Scheduling: WRR CoS: 802.1p, IP ToS Precedence, IP DSCP | Priority Queues: 8 queues/port Rate Limiting Ingress: 1 Kbps/1 pps Rate Limiting Egress: 1 Kbps/1 pps DiffServ(RFC2474) Scheduling: WRR CoS: 802.1p, IP ToS Precedence, IP DSCP | Priority Queues: 8 queues/port Rate Limiting Ingress: 1 Kbps/1 pps Rate Limiting Egress: 1 Kbps/1 pps DiffServ(RFC2474) Scheduling: WRR CoS: 802.1p, IP ToS Precedence, IP DSCP |
| Security Features | Port Security (MAC-based) 802.1x PNAC (Port-based) ACL: L2, L3, L4 IP Source Guard RADIUS HTTPS and SSL SSH v2.0 MAC Filter | Port Security (MAC-based) 802.1x PNAC (Port-based) ACL: L2, L3, L4 IP Source Guard RADIUS HTTPS and SSL SSH v2.0 MAC Filter | Port Security (MAC-based) 802.1x PNAC (Port-based) ACL: L2, L3, L4 IP Source Guard RADIUS HTTPS and SSL SSH v2.0 MAC Filter |
| Management Features | CLI, WEB, Telnet Dual FW Images FW Upgrade: TFTP, HTTP Management Access Filtering: SNMP/Web/Telnet RMON: 1, 2, 3, 9 groups Port Mirroring: One to One, Many to One Remote Ping Cable Diagnostics UPnP | CLI, WEB, Telnet Dual FW Images FW Upgrade: TFTP, HTTP Management Access Filtering: SNMP/Web/Telnet RMON: 1, 2, 3, 9 groups Port Mirroring: One to One, Many to One Remote Ping Cable Diagnostics UPnP | CLI, WEB, Telnet Dual FW Images FW Upgrade: TFTP, HTTP Management Access Filtering: SNMP/Web/Telnet RMON: 1, 2, 3, 9 groups Port Mirroring: One to One, Many to One Remote Ping Cable Diagnostics UPnP |
| DHCP | Client | Client | Client |
| Event Log | local flash, remote server | local flash, remote server | local flash, remote server |
| SNMP | v1, 2c, v3 | v1, 2c, v3 | v1, 2c, v3 |
| Dimensions (W x H x D) | 17.32" x 1.73" x 10.23" | 17.32" x 1.73" x 16.14" | 12.99" x 1.73" x 9.05" |
| Line Voltage | 100-240V AC, 50/60 Hz | 100-240V AC, 50/60 Hz | 100-240V AC, 50/60 Hz |
| Power Consumption | Max: 297.74W Device: 22.30W BTU/h (max): 87.24 | Max: 441.05W Device: 26.65W BTU/h (max): 129.23 | Max: 157.06W Device: 12.92W BTU/h (max): 46.02 |
| Operating Temperature | 32-122°F | 32-122°F | 32-122°F |
| Operating Humidity | 10-90% | 10-90% | 10-90% |

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| Weight | 6.23 lb | 6.41 lb | 4.45 lb |
| Fan Noise | 29.6 dBA (< 24°C @ 25%) 35.2 dBA (25-29°C @ 50%) 41.4 dBA (30-34°C @ 75%) 47 dBA (≥ 35°C @ 100%) | 32.5 dBA (< 24°C @ 25%) 37.7 dBA (25-29°C @ 50%) 44.6 dBA (30-34°C @ 75%) 44.2 dBA (≥ 35°C @ 100%) | 32.5 dBA (< 24°C @ 25%) 39.2 dBA (25-29°C @ 50%) 42.8 dBA (30-34°C @ 75%) 42.1 dBA (≥ 35°C @ 100%) |