IntellaPatch® Series 3000

Product Specifications

APCON Solutions for Networks

FEATURES

- 2 or 4 blades per chassis
- Up to 36-port blade design with 1U blade height
- Redundant controllers with automatic failover (optional)
- Programmable LCD for switch setup and diagnostics
- Hot-swappable power supplies, controllers, blades, transceivers
- Field-replaceable fan assembly
- 10 Mbps to 10 Gbps port data rate capability
- Point-to-point (full duplex or simplex), multicast (1 to n), and loop topologies
- Non-blocking, any-to-any switching architecture
- Signal regeneration on all ports with specific blades
- Two LAN ports and one serial port for remote software execution

SERIES 3000 CHASSIS

ACI-3144

Protocols & Rates:	1/2/4/8 Gbps Fibre Channel, 10/100/1000 Mbps, 10 Gigabit Ethernet and FDDI (blade-specific)
Media Conversion:	Yes
Panel Status:	Front panel programmable LCD with setup menu and diagnostics
Dimensions:	17.2" W × 25.0" D × 7.0" H (4U rack height) (43.7 cm W × 63.5 cm D × 17.8 cm H)
Power:	4 circuits each of: 100 to 240 VAC auto-sensing 50 to 60 Hz (2000 W) Note: Requires 4 × 20A circuit for 100–120V operation
Chassis Power:	250 W (chassis only – no blades installed)
Physical Interfaces:	Copper SFP transceivers available for Fibre Channel (HSSDC-2) and Gigabit Ethernet (RJ45). Multimode (MMF) or single-mode (SMF) fiber optic SFP/SFP+ transceivers, available for Ethernet, Fibre Channel and FDDI
Model #:	ACI-3144-C00: Standard Software Suite ACI-3144-C00-R: Standard Software Suite with Redundant Controllers ACI-3144-E00: Enterprise Software Suite ACI-3144-E00-R: Enterprise Software Suite with Redundant Controllers

ACI-3072

Protocols & Rates:	1/2/4/8 Gbps Fibre Channel, 10/100/1000 Mbps, 10 Gigabit Ethernet and FDDI (blade-specific)
Media Conversion:	Yes
Panel Status:	Front panel programmable LCD with setup menu and diagnostics
Dimensions:	17.2" W × 25.0" D × 3.5" H (2U rack height) (43.7 cm W × 63.5 cm D × 8.9 cm H)
Power:	2 circuits each of: 100 to 240 VAC auto-sensing 50 to 60 Hz (2000 W) Note: Requires 2 × 20A circuit for 100–120V operation
Chassis Power:	125 W (chassis only – no blades installed)
Physical Interfaces:	Copper SFP transceivers available for Fibre Channel (HSSDC-2) and Gigabit Ethernet (RJ45). Multimode (MMF) or single-mode (SMF) fiber optic SFP/SFP+ transceivers, available for Ethernet, Fibre Channel and FDDI
Model #:	ACI-3072-C00: Standard Software Suite ACI-3072-C00-R: Standard Software Suite with Redundant Controllers ACI-3072-E00: Enterprise Software Suite ACI-3072-E00-R: Enterprise Software Suite with Redundant Controllers

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SPEC SHEET

ETHERNET
Copper 10 Mbps, 100 Mbps, & 1 Gbps

Model Number	Name	Description
ACI-3010-E36-2	10/100/1000 Copper Ethernet	36-Port Ethernet Multi-rate Blade, 10/100/1000 Mbps, Copper (RJ45)

Protocols:	10/100/1000 Mbps Copper Ethernet
Ports:	36 per blade ANSI/TIA/EIA-568-B, RJ45
Media Conversion:	Yes
Panel Status:	Blade Power – 36 TX and 36 RX interface status LEDs per blade
Dimensions:	14.45" (W) × 8" (D) × 1.5" (H), 36.7 cm (W) × 20.3 cm (D) × 3.8 cm (H)
Power:	110 Watts (all ports linked at 1 Gbps)
Physical Interfaces:	36 × RJ45 connectors

ETHERNET
Fiber Optic 100 Mbps & 1 Gbps

Model Number	Name	Description
ACI-3010-E36-4M	1 Gbps Fiber Ethernet – MMF	36-Port Fast Ethernet & Media Conversion Blade, 1.25 Gbps, 850 nm Multimode (LC)
ACI-3010-E36-4S	1 Gbps Fiber Ethernet – SMF	36-Port Fast Ethernet & Media Conversion Blade, 1.25 Gbps, 1310 nm Singlemode (LC)

Protocols:	1 Gbps – Fiber Ethernet 100 Mbps – Fiber Ethernet
Ports:	36 per blade
Media Conversion:	Yes
Panel Status:	Blade Power, Status – 36 TX and 36 RX
Transceiver Type:	36 MSA-compliant SFP ports
Dimensions:	14.45" (W) × 8" (D) × 1.5" (H), 36.7 cm (W) × 20.3 cm (D) × 3.8 cm (H)
Power:	45 Watts (all ports linked at 1 Gbps)
Physical Interfaces:	36 × 850 nm MMF LC 1000Base-SX SFPs–E36–4M 36 × 1310 nm SMF LC 1000Base-LX SFPs–E36–4S

ETHERNET
Fiber Optic 10 Gbps

Model Number	Name	Description
ACI-3010-E09-3M	10 Gbps Ethernet – MMF	9-Port Ethernet Blade, 10 Gbps, 850nm Multimode (LC) XFP
ACI-3010-E09-3S	10 Gbps Ethernet –SMF	9-Port Ethernet Blade, 10 Gbps, 1310nm Single-mode (LC) XFP

Protocols:	10 Gbps Ethernet LAN Phy
Ports:	9 per blade
Media Conversion:	Yes
Panel Status:	Blade Power, Status – 9 TX and 9 RX
Transceiver Type:	9 MSA-compliant XFP ports
Dimensions:	14.45" (W) × 8" (D) × 1.5" (H), 36.7 cm (W) × 20.3 cm (D) × 3.8 cm (H)
Power:	65 Watts (all ports at 10 Gbps)
Physical Interfaces:	9 × 850nm MMF LC 10GBase – SR – E09–3M – XFPs 9 × 1310nm SMF LC 10GBase – LR – E09–3S – XFPs

FIBRE CHANNEL
1/2/4/8 Gbps

Model Number	Name	Description
ACI-3010-F36-8M	1/2/4/8 Gbps Fibre Channel – MMF	36-Port Repeater Fibre Channel Blade, 1/2/4/8 Gbps, 850nm Multimode (LC) SFP+
ACI-3010-F36-8S	1/2/4/8 Gbps Fibre Channel – SMF	36-Port Repeater Fibre Channel Blade, 1/2/4/8 Gbps, 1310nm Single-mode (LC)

Protocols:	1.0625 Gbps Fibre Channel, 2.125 Gbps Fibre Channel, 4.25 Gbps Fibre Channel, 8.50 Gbps Fibre Channel
Ports:	36 per blade
Media Conversion:	Yes
Panel Status:	Blade Power, Status – 36 TX and 36 RX
Dimensions:	14.45" (W) × 8" (D) × 1.5" (H), 36.7 cm (W) × 20.3 cm (D) × 3.8 cm (H)
Power:	45 Watts (all ports at 8.5 Gbps)
Signal Regeneration:	2R repeater and 3R regeneration
Physical Interfaces:	36 × 850nm MMF LC 2G/4G/8G FC SFP+