



The IntraCore 35160 Series is Asante's most powerful, non-blocking, Layer 2 Gigabit Ethernet switches. Each model delivers a full 10/100/1000 Mbps of performance to each of the 16 ports. Choose the model that best fits your network architecture.

IC35160-T is our most popular configuration for replacing legacy 10/100 Fast Ethernet switches. On four ports (13, 14, 15 and 16), the switch can connect with long-distance fiber backbones using optional GBIC modules. When both copper and GBICs are used on the same ports, the GBIC has priority and will auto failover to the RJ45 port.

IC35160-G is our workhorse for connecting almost any combination of Gigabit copper and fiber cables. Fill up to 16 GBIC garages with fiber modules. Ports are physically staggered across the switch for easier access. Four ports can also handle 10/100/1000BaseT copper.

Gigabit Performance. Manage your Gigabit throughput on every port using any combination of virtual LANs (VLANs), quality of service (QoS) priorities and jumbo frames to handle data/voice/video over Ethernet/IP. Run VoIP and IP multicasting with IGMP.

Advanced Security. Lock down security per-port or per-MAC address using station move and duplicate IP detection services. Enforce authentication for both wired and wireless clients using port-based or MAC-based IEEE 802.1X and RADIUS servers.

Comprehensive Management. Choose web (HTTP), Telnet/CLI or SNMP/RMON. Through the console port, configure the switch out-of-band using a menu-driven command line interface. Monitor traffic by port mirroring. Control system start-up by choosing from dual banks of firmware.

HIGHLIGHTS

Ports

Gigabit Ethernet:	IC35160-T: 16 x 10/100/1000BaseT Gigabit Ethernet ports with Auto-Uplink™: RJ-45 shielded connectors 4 x 1000BaseX ports: GBIC IC35160-G: 16 x 1000BaseX: GBIC 4 x 10/100/1000BaseT Gigabit Ethernet ports with Auto-Uplink: RJ-45 shielded connectors Combo ports 13-16 will auto-detect/failover between RJ-45 and GBIC; GBIC has priority
Configuration:	IEEE Auto Negotiation (sets speed and half/full duplex) or manual configuration via management
Console:	Female DB9 RS-232C
Emergency Power:	EPS35 port for emergency power supply (12 VDC)

Performance

Efficiency:	Wire-speed Layer 2 Gigabit Ethernet switching
Switch Architecture:	32 Gbps non-blocking switch fabric
Flow Control:	Selectable IEEE 802.3x flow control (full duplex) and back pressure (half duplex)
Link Aggregation:	Up to 4 trunks, maximum 4 ports/trunk; compatible with IEEE 802.3ad
Jumbo Frames:	Up to 32 KB
Forwarding MAC Table:	Up to 8K addresses with automatic learning and aging
Buffers:	128 KB

Features

Virtual LANs:	1024 port-based VLANs, 4K VLAN IDs and IGMP snooping
Priority Queues:	8 levels IEEE 802.1p
Security:	User password, SNMP access filter, port security (MAC address filter with notification), 802.1x (port-based), L2/L4 ACL, RADIUS, SSH
Management:	Web, menu-driven command line (up to 4 sessions), SNMPv2, RMON (1, 2, 3, 9)

Physical

Dimensions (W x D x H):	IC35160-T: 17.5 x 10.0 x 1.7 inches (444 x 254 x 46 mm); 1U rack height IC35160-G: 17.5 x 14.0 x 2.7 inches (444 x 356 x 69 mm); 1U rack height
Weight:	IC35160-T: 8.0 lbs (3.6 Kg); IC35160-G: 9.0 lbs (4.1 Kg)
Mounting:	Desktop or rack (rackmount kit included)
Operating Temperature:	32° to 104° F (0° to 40° C)
Relative Humidity:	10% to 90% non-condensing
Power:	Internal switching, 100-240 VAC, 50/60 Hz

Standards Compliance

Safety:	UL 1950, CUL
Emissions:	FCC Class A, CE Mark

Support

Technical Support:	24-hour support via web and ftp. 3-year email and telephone support
Product Warranty:	3-year product warranty covers defects in manufacturing and workmanship

ORDERING INFORMATION

Model Name*	Description
IC35160-T	16-port 10/100/1000T managed Gigabit Ethernet switch with 4 combo 10/100/1000T and GBIC ports
IC35160-G	16-port GBIC managed Gigabit Ethernet switch with 4 combo 10/100/1000T and GBIC ports
IC35-EPS12	External emergency power supply

* For international part numbers, please refer to the Asante price list.



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