

Allied Telesis AT-IE340-20GP-80 Managed L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Grey

Gamintojas: **ALLIED TELESIS** · Modelis: **AT-IE340-20GP-80** · EAN: **767035217550** · Prekės kodas: **333754**



2 031,90 €

Kaina su PVM

Be PVM: **1 679,26 €**

Neturime



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ 40Gbps switch fabric and 29.7Mpps forwarding packet rate
- ✓ 16K MAC addresses
- ✓ 4K VLANs
- ✓ 9KB jumbo frame size
- ✓ 8 QoS priority queues
- ✓ 511 (Layer 2), 256 (Layer 3) Multicast groups
- ✓ IEEE 802.3at PoE+ sourcing (30W)
- ✓ 240W PoE power budget
- ✓ Alarm input and output ports

Aprašymas

Industrial Ethernet Layer 3 Switches

Allied Telesis ruggedized IE340 Industrial Ethernet switches provide enduring performance in harsh environments, such as those found in manufacturing, transportation and physical security. Offering high throughput, rich functionality and advanced security features, IE340 switches deliver the performance and reliability demanded by deployments in the age of the Internet of Things (IoT).

Overview

Allied Telesis IE340 Series are a high-performing and feature-rich choice for today's networks. The IE340 is ideal for Industrial Ethernet applications, being fully qualified for manufacturing, automation, process control, railway transportation (Telco & Signaling), roadway transportation (Traffic Control) and Smart Cities.

With a fanless design and a wide operating temperature range, the IE340 tolerates the harsh and demanding environments found in industrial and outdoor deployments.

Modbus/TCP enables integration with existing factory management tools, and provides real-time automation in modular control and distributed systems.

Network management

Allied Telesis Autonomous Management Framework™ (AMF) meets the increasing management requirements of today's modern converged networks, by automating many everyday tasks such as configuration management. AMF's powerful features allow an entire network to be easily managed as a single virtual device.

Vista Manager™ EX is an intuitive visualization tool that complements the power of AMF. It allows users to monitor the network and quickly identify issues before they become major problems.

Securing the network edge

Ensuring data protection means controlling network access. Protocols such as IEEE 802.1X port-based authentication guarantee that only known users are connected to the network.

Unknown users who physically connect can be segregated into a pre-determined part of the network. This offers guests Internet access, while ensuring the integrity of private data.

Gigabit and Fast Ethernet

The IE340 Series SFP ports support both Gigabit and Fast Ethernet Small Form-Factor Pluggables (SFPs)(1). This makes the IE340 Series ideal for environments where Gigabit fiber switches will be phased in over time, and allows for connectivity to the legacy 100FX hardware until it is upgraded to Gigabit Ethernet. Support for both speeds of SFP allows organizations to stay within budget as they migrate to faster technologies.

Network resiliency

The IE340 Series supports highly stable and reliable ICT network switching, with recovery times down to 50ms. The IE340 can be customized with the most appropriate mechanism and protocol to prevent network connection failure. Choices include Allied Telesis Ethernet Protection Switched Ring (EPSRing™), and the standards-based ITU-T G.8032.

Configurable PoE power budget and dynamic power allocation

On PoE-sourcing IE340 switches, the overall power budget can be configured to establish a close relationship between the power sourcing feature and the real capabilities of the external Power Supply Unit (PSU)(2). PoE power is allocated dynamically, based on the current usage of each powered device.

Future-proof

The IE340 Series ensures a future-proof network with a comprehensive feature set, and is Software Defined Networking (SDN) ready, supporting OpenFlow v1.3.

Techninė specifikacija

Management features	
Switch type	Managed
Switch layer	L3
Quality of Service (QoS) support	Yes
Web-based management	Yes

Traffic classification	Yes
Traffic shaping	Yes
ARP inspection	Yes
Configuring Location Settings (CLI)	Yes
System event log	Yes
Ports & interfaces	
Basic switching RJ-45 Ethernet ports quantity	16
Basic switching RJ-45 Ethernet ports type	Gigabit Ethernet (10/100/1000)
Installed SFP modules quantity	0
Installed SFP+ modules quantity	0
SFP module slots quantity	4
Console port	RJ-45
USB 2.0 ports quantity	1
Network	
Networking standards	IEEE 1588, IEEE 802.1AX, IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1ad, IEEE 802.1ag, IEEE 802.1p, IEEE 802.1s, IEEE 802.1v, IEEE 802.1w, IEEE 802.1x, IEEE 802.2, IEEE 802.3ab, IEEE 802.3ac, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
10G support	No
Port mirroring	Yes
Full duplex	Yes
Policy-based routing	Yes
Flow control support	Yes
Link aggregation	Yes
Broadcast storm control	Yes
Spanning tree protocol	Yes
VLAN support	Yes
Virtual LAN features	Private VLAN, Tagged VLAN
Number of VLANs	4094
Data transmission	
MAC address table	16000 entries
Switching capacity	40 Gbit/s
Forwarding rate	29.7 Mpps
Number of queues	8
Jumbo frames support	Yes
Jumbo frames	9000

Packet buffer memory	1.5 MB
Security	
DHCP features	DHCP relay, DHCP server, DHCP snooping, DHCPv6 relay, DHCPv6 server
Access Control List (ACL)	Yes
IGMP snooping	Yes
MAC address filtering	Yes
BPDU filtering/protection	Yes
Authentication	Guest VLAN, MAC-based authentication, Port-based authentication, Web-based authentication
Password protection	Yes
Multicast features	
Multicast support	Yes
Protocols	
Routing protocols	BGP, OSPF, RIP
Design	
Rack mounting	No
Stackable	No
Product colour	Grey
Housing material	Aluminium, Metal
LED indicators	Yes
International Protection (IP) code	IP30
Wall mountable	Yes
DIN rail mounting	Yes
Electromagnetic compatibility	EN 55024, EN 61000-6-2
Performance	
Memory type	DDR-SDRAM
Internal memory	512 MB
Flash memory	128 MB
Fanless	Yes
Export Control Classification Number (ECCN)	5A992C
Power	
Power supply included	No
Redundant power supply (RPS) support	Yes
DC input voltage	18 - 57 V
Power consumption (max)	271 W

Power over Ethernet (PoE)

Power over Ethernet (PoE)	Yes
Power over Ethernet plus (PoE+) ports quantity	16
Power over Ethernet (PoE) power per port	15 W
Total Power over Ethernet (PoE) budget	240 W

Operational conditions

Operating temperature (T-T)	-40 - 75 °C
Storage temperature (T-T)	-40 - 85 °C
Operating relative humidity (H-H)	5 - 95%
Storage relative humidity (H-H)	5 - 90%
Operating altitude	0 - 3000 m
Heat dissipation	105.8 BTU/h

Weight & dimensions

Width	91 mm
Depth	139 mm
Height	153 mm
Weight	2.34 kg

Certificates

Certification	CE, FCC, ICES, RCM, TEC8, UL, VCCI RoHS, China-RoHS, WEEE
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Logistics data

Harmonized System (HS) code	85176990
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Matmenys (I × P × A)	24,00cm × 22,00cm × 16,00cm
Svoris	2,84kg