araknis
NETWORKS

RELIABLE IS
Our Middle
Name

araknis

Araknis is your network ecosystem. All our products are crafted to work together with ease, making for a fast, reliable network that is easy to install and update.

One Brand. One Solution.

Kiss Buffering Goodbye

Araknis designs its wireless access points to be fast, reliable, and hasslefree, because the best network is one you never notice. And with four distinct series, plus an outdoor option, you'll find a product that best fits your specific needs. Keep your Wi-Fi signal strong with Araknis Networks®.

Networking installs require a fast and reliable connection at all times. Which is why Araknis Networks® wireless access points are designed to keep your customer's signal strong and your service calls to a minimum.
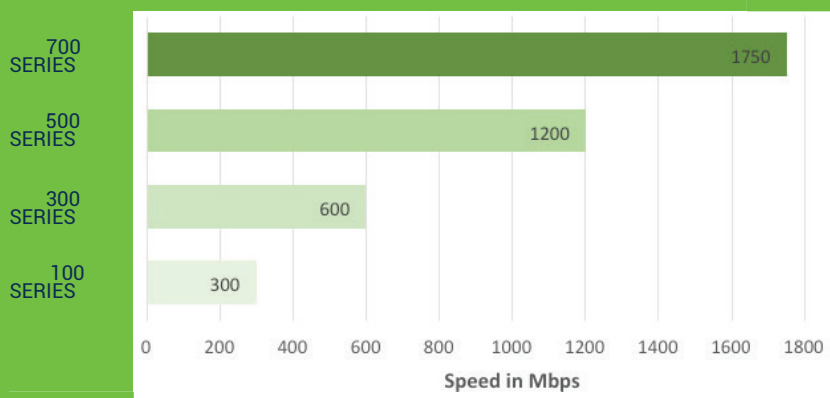
FEATURES

STYLISH & EFFICIENT

Features include a sleek and compact design, Fast Roaming, which allows your wireless device to automatically connect to the strongest-signaled access point based on your location, and cloudbased device management software that gives your integrator the option for remote troubleshooting.

DESIGNED FOR YOU

A fast and reliable WAP ensures optimum performance with the latest phones, tablets, and laptops, and allows you and your family to enjoy uninterrupted Internet browsing, video, and music streaming.

Maximum Aggregated Speed Family Comparison

Series	Speed in Mbps
700 SERIES	1750
500 SERIES	1200
300 SERIES	600
100 SERIES	300

SPEC FEATURES	100-series	300-series	500-series	700-series
Recommended Setting	Rural Area/ No Neighbors	Townhouse/Single Family House/ Apartment/Condo	Townhouse/Single Family House/ Apartment/Condo	Commercial/SMB/ Larger Homes
Environment Interference Level	Low	Med-High	Med-High	Med-High
Client Devices	Legacy	Not too modern, majority mobile	Modern, majority mobile	Modern, majority PC
Client Speed Demand	Low - just connectivity	Average	High	High
Future Proof	Low - 2.4GHz is very congested	Med - 5GHz capability	High - 802.11ac	High - 802.11ac
Coverage	High	High	High	High
Max Aggregated Speed	300Mbps	600Mbps	1200Mbps	1750Mbps
Cloud Management Capability	Yes	Yes	Yes	Yes
Limited Product Warranty	2-Year	2-Year	2-Year	2-Year
Outdoor Model				✓

Expand your wireless coverage to the patio, deck, or guest house with the 700 Series Outdoor Access Point. An IP55 rating and multiple mounting options means you can confidently install this access point without fear of the elements.

UP TO
1750
MBPS

Get complete coverage, even outside, with our line of wireless access points (WAPs). All of our WAPs come equipped with Fast-Roaming, and our new 510- and 810 models are perfect for highdensity installs.

Speed Through High-Traffic Superhighways

ROUTERS

Araknis routers provide a high-speed connection that makes for a hassle-free network experience, along with a cloud-based device management software that gives your integrator the option for remote troubleshooting. Araknis Networks® understands the importance of modern, seamless connectivity, which is why we focus on one thing making your net work.

FEATURES

1 GIGABIT THROUGHPUT

THE NEED FOR SPEED

When it comes to networking, every second counts. That's why our routers come equipped with 1 Gbps throughput on all LAN ports, for faster speeds and a better experience.

INNOVATIVE DESIGN

Stylish blue LEDs on the front faceplate give you a clean finish every time. Plus, a slim 1U rack-mountable design with a built-in power supply or a compact all-in-one Wi-Fi model allows for multiple installation options.

IRON-CLAD INTERNET

An embedded firewall supports Stateful Packet Inspection (SPI), Denial of Service (DoS) prevention, WAN Request Blocking, and OpenVPN. Its layers of network security make it harder for hackers to attack, so your private data stays safe. And with multiple content filtering levels, you can ensure your household has a safe browsing experience
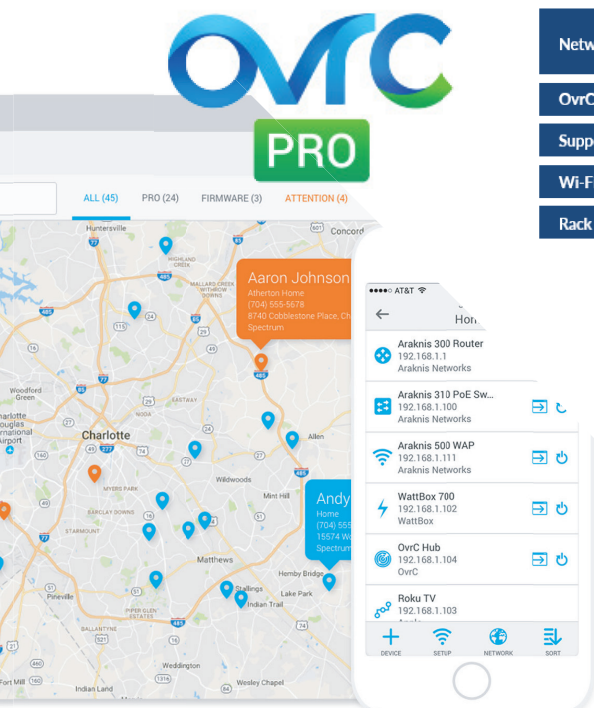
RELIABLE CONNECTION

Dual-gigabit WAN allows you to connect to two different ISPs (for example: TWC and Comcast), so you'll never lose your connection in the case of service failure.

GIGABIT INTERNET

In the age of abundant Internet speeds, the entire line of Araknis Routers supports Gigabit Internet. You don't have to worry about what model to choose when it comes to network performance.

SPEC FEATURES	300-series
WAN-LAN Throughput	~500Mbps
LAN-LAN Throughput	1Gbps
Number of Gigabit LAN Interfaces	4
Number of Gigabit WAN Interfaces	2
WAN Load-balancing and Link Failover	Yes
VPN Support	PPTP, IPSec, OpenVPN
VLAN Support	Yes - 802.1Q
QoS Support	Yes - 802.1p
Access Control Lists	Yes
Cloud Management Capability	Yes
Limited Product Warranty	2-Year

	110	110 Wireless	310
Network Size	Small Up to 150 devices	Small Up to 150 devices	Medium-Large Up to 500 devices
OvrC Pro Embedded	✓	✓	✓
Supports Gigabit Internet	✓	✓	✓
Wi-Fi Enabled		✓	
Rack Mountable			✓

Embedded with OvrC Pro

As a professional integrator, you're expected to own and support the entire network. Having the advanced remote management capabilities of OvrC Pro on every job is not an option anymore. That's why we embedded the capabilities of OvrC Pro into every router at no additional cost, so that you're equipped with the tools to be successful.

Sleek Design

100-Series Unmanaged Gigabit Switches with Rear Ports

Both stylish and informative, front blue LED lights indicate power status, port speed, and link status. Plus, the 1U faceplate is constructed with industrial materials, beveled edges, and a glossy finish, making for a clean and slim design you'll love to show off.
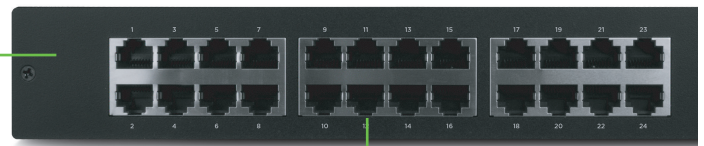
SMART DESIGN

A sturdy metal housing provides strength and durability, while ports on the back of the switch ensure a neat and tidy appearance. Equipment is connected and wires are routed in the back of the rack – where it's completely out of sight.

SILENT OPERATION

A completely fan-less design means these network switches operate silently – no matter where they're being used. Openings on the sides provide ventilation that adds reliability without any distracting fan noise.

SPEED AND SUPPORT

Capable of providing a whopping 1Gbps on every port at the same time, these switches are perfect for fast video streaming and supporting multiple high-bandwidth devices – Smart TVs, Apple TVs, IP surveillance systems, gaming consoles, Video On Demand services and more.

ARAKNIS NETWORK ACCESSORY GIGABIT POE+ INJECTOR

Designed for both form and functionality, Araknis switches bring new life to networking installs. No matter the series, you'll get a reliable switch that has been thoroughly tested to ensure optimal performance at every turn.

GIGABIT   FANLESS   MULTI- MOUNTING   METAL HOUSING   PLUG-N-PLAY

Allows for connection of a PoE device (ex: surveillance camera, control system) to an unmanaged switch.

Small Stature, Big Performance

Model	AN-100-SW-R-5	AN-100-SW-R-8	AN-100-SW-R-16	AN-100-SW-R-24
Interface				
10/100/1000Base RJ-45 Ports	5	8	16	24
Physical Configuration				
Flash Memory	---	---	2MB	2MB
SDRAM	---	---	64KB (SRAM)	64KB (SRAM)
Packet Buffer	128KB		512KB	
Performance				
MAC Address Table	4K		8K	
Switching Capacity	10Gpbs	16Gpbs	32Gpbs	48Gpbs
Forwarding Rate	7.4Mpps	11.9Mpps	23.8Mpps	35.7Mpps
Jumbo Frame Support	9K			
Environmental				
Dimensions (Inches) (W x H x D)	5.1 x 0.9 x 3.0	8.9 x 1.7 x 4.8	12.9 x 1.7 x 8.2	12.9 x 1.7 x 8.2
Power Supply	5V DC, 2.5A Adapter	100-240V AC, 50/60 Hz		
Maximum Power Consumption (W)	2.5W	3.5W	8W	11W
Operating Temperature (F)	32°F to 104°F			
Humidity (non-condensing)	10 to 90%			
Weight (lbs.)	0.6	2.0	4.0	4.4

Tolly is the leading provider of benchmarking services to quantify the functionality and performance of hosted and on-premise solutions for Information Technology products and services, and provides evidence that a product meets or exceeds its performance claims. The Araknis™ 100 Series Unmanaged Switch (AN-100-SW-R-24) was independently tested and verified in both feature and performance comparisons versus Cisco Systems and Pakedge products.

2 YEAR LIMITED WARRANTY

Araknis Networks® products have a 2-Year Limited Warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products which have been abused, modified or disassembled. Products to be repaired under this warranty must be returned to SnapAV or a designated service center with prior notification and an assigned return authorization number (RA).

A New Way to Network

300-Series Managed Gigabit Switches

The perfect go-to solution for all of your clients, Araknis Networks® devices were designed to meet today's most stringent performance and bandwidth requirements. You shouldn't have to settle for anything less
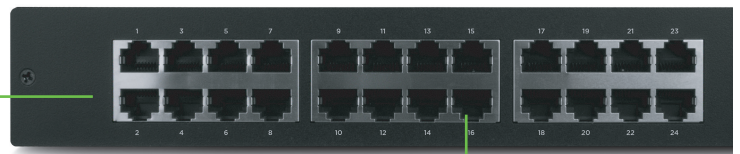
CLEAN, SIMPLE INSTALLS

Equipped with PoE / PoE+, these switches provide powerful connectivity and a clean, one-wire solution that eliminates the need for extra cables and power supplies that can clutter the install. Available with front- or rear-facing ports, they offer maximum install flexibility for AV and IT applications.
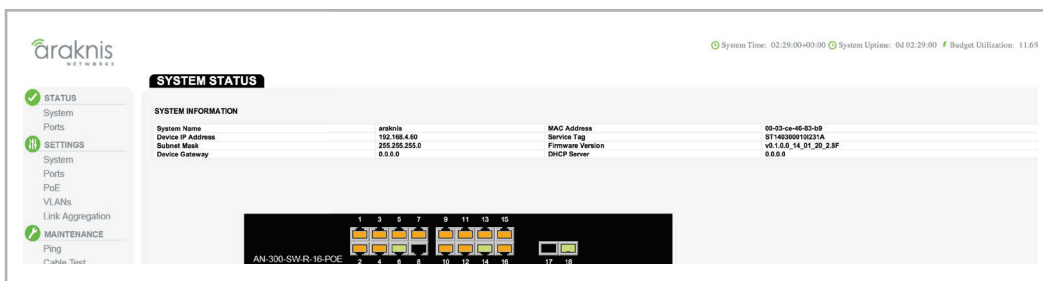
UITRA-QUIET FANS

Equipped with variable speed fans that are significantly quieter than the competition, these switches are able to stay cool without causing a racket.

SPEED AND SUPPORT

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EASY-TO-USE INTERFACE

Advanced functionality meets ease of use in this intuitive user interface. It puts the most commonly used features front and center – making it easy to setup and monitor the network – plus it's equipped with straightforward troubleshooting, smart management options, and plenty of bells and whistles for networking ninjas.

Reliable Systems

Model	AN-300-SW-R-8-POE	AN-300-SW-R-16-POE	AN-300-SW-R-24-POE	AN-300-SW-F-8-POE	AN-300-SW-F-16-POE	AN-300-SW-F-24-POE
Interface						
10/100/1000Base RJ-45 Ports	8	16	24	8	16	24
1000Base SFP		2			2	
PoE Ports	8	16	24	8	16	24
Physical Configuration						
Flash Memory		16MB SPI			16MB SPI	
SDRAM		128MB			128MB	
Packet Buffer		512KB			512KB	
Performance						
MAC Address Table		8K			8K	
Switching Capacity	20Gbps	36Gbps	52Gbps	20Gbps	36Gbps	52Gbps
Forwarding Rate	14.8Mpps	26.7Mpps	38.7Mpps	14.8Mpps	26.7Mpps	38.7Mpps
Jumbo Frame Support		9K			9K	
Environmental						
Dimensions (Inches) (W x H x D)	1.7 x 12.9 x 8.2	1.7 x 12.9 x 8.2	1.7 x 17.2 x 12.9	1.7 x 12.9 x 8.2	1.7 x 12.9 x 8.2	1.7 x 17.2 x 12.9
Power Supply		100-240V AC, 50/60 Hz			100-240V AC, 50/60 Hz	
Maximum Power Consumption (W)	15W	20W	24W	15W	20W	24W
Operating Temperature (F)		32°F to 104°F			32°F to 104°F	
Humidity (non-condensing)		10 to 90%			10 to 90%	
Weight (lbs.)	4.8	5.3	10.4	4.8	5.3	10.4

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GIGABIT   FANLESS   MULTI- MOUNTING   METAL HOUSING   PLUG-N-PLAY   INTUITIVE INTERFACE

Sleek Design

300-Series Managed Gigabit Switches with PoE

Available in 5-, 8-, 16- and 24-port options, and with focused feature sets, Araknis switches support a wide range of networking needs. All products are OvrC-enabled, with Unmanaged+, Websmart, Managed, and both Partial- and Full PoE+ options.
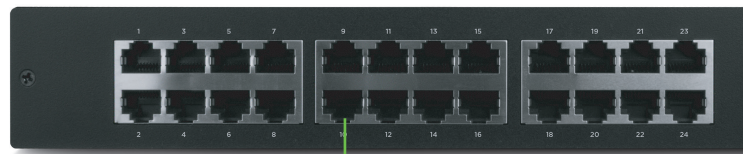
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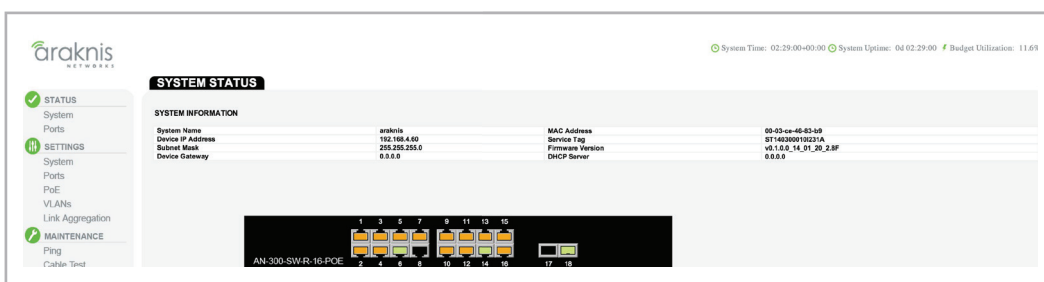
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GIGABIT   MULTI- MOUNTING   METAL HOUSING   PLUG-N-PLAY   INTUITIVE INTERFACE   MULTI-SPEED FANS   POE/+

Allows for connection of a PoE device (ex: surveillance camera, control system) to an unmanaged switch.

Engineered To Deliver Best-In-Class Performance

Model	AN-300-SW-R-8-POE	AN-300-SW-R-16-POE	AN-300-SW-R-24-POE	AN-300-SW-F-8-POE	AN-300-SW-F-16-POE	AN-300-SW-F-24-POE
Interface						
10/100/1000Base RJ-45 Ports	8	16	24	8	16	24
1000Base SFP		2			2	
PoE Ports	8	16	24	8	16	24
Physical Configuration						
Flash Memory		16MB SPI			16MB SPI	
SDRAM		128MB			128MB	
Packet Buffer		512KB			512KB	
Performance						
MAC Address Table		8K			8K	
Switching Capacity	20Gbps	36Gbps	52Gbps	20Gbps	36Gbps	52Gbps
Forwarding Rate	14.8Mpps	26.7Mpps	38.7Mpps	14.8Mpps	26.7Mpps	38.7Mpps
Jumbo Frame Support		9K			9K	
Environmental						
Dimensions (Inches) (W x H x D)	1.7 x 12.9 x 8.2	1.7 x 12.9 x 8.2	1.7 x 17.2 x 12.9	1.7 x 12.9 x 8.2	1.7 x 12.9 x 8.2	1.7 x 17.2 x 12.9
Power Supply		100-240V AC, 50/60 Hz			100-240V AC, 50/60 Hz	
Maximum Power Consumption (W)	15W	20W	24W	15W	20W	24W
Operating Temperature (F)		32°F to 104°F			32°F to 104°F	
Humidity (non-condensing)		10 to 90%			10 to 90%	
Weight (lbs.)	4.8	5.3	10.4	4.8	5.3	10.4

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NETWORKS

Developing a product is one thing. Making sure it performs to expectations is another. Every access point, switch, and router we sell has been put to the test in the Araknis Lab, ensuring strength, quality, and reliability. From temperature testing in our thermal chamber to full bandwidth and surge testing, we push our products to the limit.

15,000
Hours of Testing

99%
Success Rate

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