





SPECIFICATIONS

Series	Standalone AP		Unified AP	
Models	NWA1100-NH	NWA5123-AC	WCA6103D-I	WAC6553D-E
Product image				
Main Design				
Radio	1	2	2	2
Wireless standards (802.11)	b/g/n	a/b/g/n/ac	a/b/g/n/ac	a/b/g/n/ac
Wireless frequency	2.4 GHz	2.4 GHz & 5 GHz	2.4 GHz & 5 GHz	2.4 GHz & 5 GHz
Antenna	External 2x2	Embedded 2x2	Embedded 3x3	External 3x3
	5 dBi	3 dBi / 4 dBi	3 dBi / 4 dBi / 5 dBi	6 N-type connectors
LAN & WAN				
Number of 10/100/1000M LAN	1	1	2	1
Power supply	DC / PoE	DC / PoE	PoE only	PoE only
PoE power draw	6W	9W	12.48W	25W
WLAN				
Max. throughput	300 Mbps	1.2 Gbps	1.75 Gbps	1.75 Gbps
WEP	64/128	64/128	64/128	64/128
WPA/WPA2	O	O	O	O
WMM	O	O	O	O
Wireless load balance	X	O	O	O
Rogue AP detection	X	O	O	O
MSSID+VLAN	8	16	16	16
Network				
IPv6 support	O	O	O	O
VLANs	O	O	O	O
DHCP client	O	O	O	O
WLAN Management				
SNMP v2, v3	O	O	O	O
UTM wifi management	O	O	O	O
Physical Specifications				
Dimensions WxDxH (mm)	153x110x38	130x130x54.7	203.9x191.7x34.7	255x256x62
Weight	240g	300g	445g	1708g
Environmental Specifications				
Operating Environment	Temperature	0°C to 60°C	0°C to 50°C	0°C to 50°C
	Humidity	10% to 95% (non-condensing)	10% to 90% (non-condensing)	
Storage Environment	Temperature	-30°C to 70°C	-30°C to 70°C	-40°C to 70°C
	Humidity	10% to 95%	10% to 90%	10% to 90%

ZyXEL Wireless Access Points



Many SMBs are improving their infrastructure and equipment to enable wireless communications. Yet, wireless networks are far from perfect and there are a number of disadvantages such as limited coverage, slower speed, and susceptible to interference.

While 802.11n operates on both 2.4 GHz and 5 GHz frequency band, 802.11ac utilizes the 5 GHz band, and the higher frequency of wireless signals adds up to shorter ranges. ZyXEL Access Point upgrades to the next step, 802.11ac and demonstrates how the ZyXEL Smart Antenna overcomes wireless dead zones by adaptively adjusting antenna patterns to fit a variety of wireless environments.

To meet this enormous demand, ShareTech imports various types of ZyXEL APs including standalone/unified APs, indoor/-ceiling-mount/wall-mount/outdoor APs, single/dual-band APs, PoE APs, multiple SSIDs and central AP management. ShareTech expects to reach four aims for deploying wireless networks within small and mid-sized businesses:

I. The Popularity of the Hi-Fi Increases Saturation in Wireless Environment

As smart phone and iPad type devices have widely spread all over the world, Wi-Fi hotspots are popping up in cities. A WLAN enables staff to improve their interaction with customers by maintaining contact wherever they are in the office. Deploying your own wireless network has become a standard part of business networks.

II. ZyXEL ONE Network Experience

ZyXEL ONE Network is designed to simplify the configuration, management, and troubleshooting, allowing our customers to focus on the business priorities. ZyXEL ONE Network presents an easy-to-use tool that redefines the network integration across multiple networking products from switch to Wi-Fi AP.

III. UTM Centralizes Wireless Management & Security

ShareTech UTM can be a unified platform to control and manage deployed wireless access points. They appear in the UTM user interface, administrators can easily monitor and manage operation, change the SSID password, uploading/downloading flow, and concurrent and history users on every AP.

IV. Eye Cloud Management

Eye Cloud is a next-gen cloud service platform providing user friendly interface to support instant equipment maintenance and centralized management of multiple ShareTech UTM, mail servers, Wireless APs, and switches.



