



Wireless LAN

Quick Sales Guide

WLAN Portfolio Lineup

Work in both On-premise management
and Nebula cloud management

Features/Scalability



NWA90AX PRO



NWA50AX PRO



NWA90AX



NWA50AX



NWA55AXE

 Simplicity



NWA130BE



NWA220AX-6E



NWA210AX



NWA110AX

 Flexibility

Business
Scale

Small



nebula



WBE660S



WAX650S



WAX655E



WBE530



WAX630S



WAX300H



WAX640S-6E



WAX610D



WAC500H



WAX620D-6E



WAX510D



Large

Wireless LAN Access Point Quick Finder

Segment	Series	Management	Model
Medium-Sized Business to Enterprise	Ultimate	• Controller managed • Cloud managed • Standalone	WBE660S
			
			WBE530
			
			WAX640S-6E
			
			WAX620D-6E
			
			WAX650S
			

Key Features

Main Design	Key Features
• BE22000 WiFi 7 Triple-Radio NebulaFlex Pro Access Point • 6 GHz: 4x4; 5 GHz: 4x4; 2.4 GHz: 4x4 • Smart antenna technology • Interference Immunity • 10GbE uplink	• Tri-band coverage, 2.4 GHz, 5 GHz, and 6 GHz (4x4 + 4x4 + 4x4) 802.11be AP to deliver maximum data rate of 22 Gbps • The 1x 10GB uplink port unlocks WiFi 7 speeds and facilitates multi-gigabit connectivity • The smart antenna technology mitigates interference and boosts WiFi performance • Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks • The advanced RF filter prevents interference between the 5 GHz and 6 GHz bands while guaranteeing performance in all channels • Can be powered by PoE bt (PoE++) or USB Type C charger (45 W) to offer flexible powering options • NebulaFlex Pro offers the full flexibility for users to easily switch between Nebula cloud-managed, controller-managed, and standalone modes
• BE11000 WiFi 7 Triple-Radio NebulaFlex Pro Access Point • 6 GHz: 2x2; 5 GHz: 2x2; 2.4 GHz: 2x2 • Interference Immunity • 2.5GbE uplink	• BE11000 (2x2 in 2.4, 5, and 6 GHz) tri-radio access point provides blazingly fast WiFi 7 speeds up to 11 Gbps • The 2 x 2.5G Ethernet ports enable seamless integration with the existing infrastructure without re-cabling • The advanced RF filter prevents interference between the 5 GHz and 6 GHz bands while guaranteeing performance in all channels • Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks • NebulaFlex Pro offers the full flexibility for users to easily switch between Nebula cloud-managed, controller-managed, and standalone modes
• AXE7800 WiFi 6E Triple-Radio NebulaFlex Pro Access Point • 6 GHz: 4x4; 5 GHz: 2x2; 2.4 GHz: 2x2 • Smart antenna technology • Interference Immunity • 2.5GbE uplink	• Tri-band coverage, 2.4 GHz, 5 GHz, and 6 GHz (2x2 + 2x2 + 4x4) 802.11axe AP to deliver maximum data rate of 7.8 Gbps • Zyxel 6E Boost, using the high-gain 4 streams in 6 GHz, helps extend range and maximize performance of the new band • The smart antenna technology mitigates interference and boosts WiFi performance • The advanced RF filter prevents interference between the 5 GHz and 6 GHz bands while guaranteeing performance in all channels • NebulaFlex Pro offers the full flexibility for users to easily switch between Nebula cloud-managed, controller-managed, and standalone modes
• AXE5400 WiFi 6E Dual-Radio NebulaFlex Pro Access Point • 6 GHz/5 GHz: 4x4 (Selectable); 2.4 GHz: 2x2 • Dual-optimized antenna • Interference Immunity • 2.5GbE uplink	• 802.11axe AP (4x4 in 6 GHz/5 GHz selectable, 2x2 in 2.4 GHz) to deliver maximum data rate of 5.4 Gbps • The BandFlex radio design can support either 5 GHz or 6 GHz by configuration, to fit into your 5 GHz coverage as well as futureproofing the use of 6 GHz • Zyxel 6E Boost, using the high-gain 4 streams in 6 GHz, helps extend range and maximize performance of the new band • Dual-optimized antenna provides the optimum radio patterns for both wall and ceiling mounting to fit into your installation • NebulaFlex Pro offers the full flexibility for users to easily switch between Nebula cloud-managed, controller-managed, and standalone modes
• AX3600 WiFi 6 Dual-Radio NebulaFlex Pro Access Point • 5 GHz: 4x4; 2.4 GHz: 4x4 • Smart antenna technology • 5GbE uplink	• Dual-radio (dual 4x4 MIMO) 802.11ax AP provides maximum data rate of 3600 Mbps, and is equipped with the 3rd dedicated monitoring radio and BLE • OFDMA is arguably the best innovation of WiFi, delivering the highest performance and low latency for all scenarios • Smart antenna is the proven technology that can mitigate interference and boost WiFi 6 performance • Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks • NebulaFlex Pro allows users to switch among standalone, on-premises controller managed or intuitive Nebula cloud managed modes as needed

Segment	Series	Management	Model
Medium-Sized Business to Enterprise	Ultimate	• Controller managed • Cloud managed • Standalone	WAX630S
			
			WAX610D
			
			WAX510D
			
			WAX655E
			
			WAX300H
			

Main Design	Key Features
• AX3000 WiFi 6 Dual-Radio NebulaFlex Pro Access Point • 5 GHz: 4x4; 2.4 GHz: 2x2 • Smart antenna technology • 2.5GbE uplink	• Dual-radio (dual 4x4 + 2x2 MIMO) 802.11ax AP provides maximum data rate of 3000 Mbps • Smart antenna is the proven technology that can mitigate interference and boost WiFi 6 performance • Coupled the capacity with Zyxel XS1930 Series switches, the 2.5GbE uplink delivers uncompromising multigigabit speed without the need of re-cabling • NebulaFlex Pro allows users to switch among standalone, on-premise controller managed or intuitive Nebula cloud managed modes as needed • Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks
• AX3000 WiFi 6 Dual-Radio NebulaFlex Pro Access Point • 5 GHz: 4x4; 2.4 GHz: 2x2 • Dual-optimized antenna • 2.5GbE uplink	• Dual-radio (dual 4x4 + 2x2 MIMO) 802.11ax AP provides maximum data rate of 3000 Mbps • Coupled the capacity with Zyxel XS1930 Series switches, the 2.5GbE uplink delivers uncompromising multi-gigabit speed without the need of re-cabling • Dual-optimized antenna provides wall-/ceiling-mounting modes to fit in your deployment • Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks • NebulaFlex Pro allows users to switch among standalone, on-premises controller managed or intuitive Nebula cloud managed modes as needed
• AX1800 WiFi 6 Dual-Radio NebulaFlex Pro Access Point • 5 GHz: 2x2; 2.4 GHz: 2x2 • Dual-optimized antenna	• Dual-radio (dual 2x2 MIMO) 802.11ax AP provides maximum data rate of 1800 Mbps • OFDMA is arguably the best innovation of WiFi, delivering the highest performance and low latency for all scenarios • Dual-optimized antenna provides wall-/ceiling-mounting modes to fit in your deployment • Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks • NebulaFlex Pro allows users to switch among standalone, on-premises controller managed or intuitive Nebula cloud managed modes as needed
• AX5400 WiFi 6 Dual-Radio NebulaFlex Pro Outdoor Access Point • Outdoor coverage • 5 GHz: 4x4; 2.4 GHz: 2x2 • 6 external antennas (N-type connector; sold separately) • 2.5 GbE Uplink with PoE+ • IP67 weather protection	• 802.11ax dual radio outdoor AP delivers blazing-fast speeds up to 5.4 Gbps • Designed for harsh outdoor environments with up to IP67 industrial-grade weather proofing • Obtain multi-gigabit performance with a 2.5GbE PoE+ port to support the demand for better outdoor WiFi • Smart Mesh automatically forms dynamic wireless links to bridge networks for inter-building settings and mitigates complex, inconvenient cabling WiFi deployments • NebulaFlex Pro offers the full flexibility for users to easily switch between Nebula cloud-managed, controller-managed, and standalone modes
• AX3000 WiFi 6 Dual-Radio NebulaFlex Pro Wall-Plate Access Point • 160 MHz channels support • 5 GHz: 2x2; 2.4 GHz: 2x2 • 1GbE 802.3at uplink port + 3x GbE LAN ports • Wall-mounted and desktop-mounted options	• Clever wired and wireless network solution for individual hotel guest rooms • AX3000 (2x2: 2 in 2.4 GHz and 5 GHz) PoE-powered access point provides maximum data rate of 3000 Mbps with 160 MHz channels support to enable seamless and faster connectivity • 4 Gigabit Ethernet ports (1x 802.3at uplink port + 3x LAN ports) including one downlink PD port supporting 802.3at PoE power (5 W) for wired application • The versatile wall-plate AP design that can be mounted on wall plates or directly in anywhere • NebulaFlex Pro offers the full flexibility for users to easily switch between Nebula cloud-managed, controller-managed, and standalone modes

Segment	Series	Management	Model
Medium-Sized Business to Enterprise	Ultimate	• Controller managed • Cloud managed • Standalone	WAC500H 
Small to Medium-Sized Business	Flexibility	• Cloud managed • Standalone	NWA130BE 
			NWA220AX-6E 
			NWA210AX 
			NWA110AX 

Main Design	Key Features
• AC1200 WiFi 5 Wave 2 Dual-Radio NebulaFlex Pro Wall-Plate Access Point • 5 GHz: 2x2; 2.4 GHz: 2x2 • 1GbE 802.3at/af uplink • Interference Immunity • Wall-mounted and desktop-mounted options	• Enterprise class 2x2 802.11ac Wave 2 AP supports combined data rates of up to 1200 Mbps • Two downlink Gigabit Ethernet ports, including one with PoE to power for VoIP phones or other devices • Clever wired and wireless network solution for individual hotel guest rooms • Versatile installation options allow the APs to be converted to desktop-mount by using an optional stand to better suit the work-from-home scenarios • Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks • NebulaFlex Pro allows users to switch among standalone, on-premises controller managed or intuitive Nebula cloud managed modes as needed
• BE11000 WiFi 7 Triple-Radio NebulaFlex Access Point • 6 GHz: 2x2; 5 GHz: 2x2; 2.4 GHz: 2x2 • Interference Immunity • 2.5GbE uplink	• BE11000 (2x2 in 2.4, 5, and 6 GHz) tri-radio access point provides blazingly fast WiFi 7 speeds up to 11 Gbps • The 2 x 2.5G Ethernet ports enable seamless integration with the existing infrastructure without re-cabling • The advanced RF filter prevents interference between the 5 GHz and 6 GHz bands while guaranteeing performance in all channels • Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks • NebulaFlex allows users to switch between standalone or intuitive Nebula cloud managed modes as needed
• AXE5400 WiFi 6E Dual-Radio NebulaFlex Access Point • 6 GHz/5 GHz: 4x4 (Selectable); 2.4 GHz: 2x2 • 2.5GbE uplink • Cellular network coexistence	• 802.11axe AP (4x4 in 6 GHz/5 GHz selectable, 2x2 in 2.4 GHz) to deliver maximum data rate of 5.4 Gbps • The BandFlex radio design can support either 5 GHz or 6 GHz by configuration, to fit into your 5 GHz coverage as well as futureproofing the use of 6 GHz • Zyxel 6E Boost, using the high-gain 4 streams in 6 GHz, helps extend range and maximize performance of the new band • NebulaFlex allows users to switch between standalone or intuitive Nebula cloud managed modes as needed • Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks
• AX3000 WiFi 6 Dual-Radio NebulaFlex Access Point • 5 GHz: 4x4; 2.4 GHz: 2x2 • 2.5GbE uplink • Cellular network coexistence	• Dual-radio (dual 4x4 + 2x2) 802.11ax AP provides maximum data rate of 3000 Mbps • OFDMA is arguably the best innovation of WiFi, delivering the highest performance and low latency for all scenarios • Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks • The latest WPA3 security protocol provides safer connectivity • NebulaFlex allows users to switch between standalone or intuitive Nebula cloud managed modes as needed
• AX1800 WiFi 6 Dual-Radio NebulaFlex Access Point • 5 GHz: 2x2; 2.4 GHz: 2x2 • Cellular network coexistence	• Dual-radio (dual 2x2 + 2x2) 802.11ax AP provides maximum data rate of 1800 Mbps • OFDMA is arguably the best innovation of WiFi, delivering the highest performance and low latency for all scenarios • Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks • The latest WPA3 security protocol provides safer connectivity • NebulaFlex allows users to switch between standalone or intuitive Nebula cloud managed modes as needed

Segment	Series	Management	Model
Small Business, Simplicity Series	Simplicity	• Cloud managed • Standalone	NWA90AX PRO
			
			NWA90AX
			
			NWA50AX PRO
			
			NWA50AX
			
			NWA55AXE
			

Main Design	Key Features
• AX3000 WiFi 6 Dual-Radio NebulaFlex Access Point • 160 MHz channels support • 5 GHz: 3x3; 2.4 GHz: 2x2 • 2.5GbE uplink • Captive portal and IEEE 802.1X authentication support • Cellular network coexistence	• Dual-radio (3x3 +2x2) 802.11ax AP provides maximum data rate of 3000 Mbps (NWA90AX PRO) • Dual-radio (dual 2x2) 802.11ax AP provides maximum data rate of 1775 Mbps (NWA90AX) • The 2.5G uplink port enables multi-gig connectivity for small biz networks, making it easy to upgrade to high-speed networks without re-cabling (NWA90AX PRO) • Captive portal and IEEE 802.1X authentication support provides enterprise-level security • NebulaFlex allows users to switch between standalone or intuitive Nebula cloud managed modes as needed • Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks • Smart Mesh automatically forms dynamic wireless links and mitigates complex, inconvenient cabling WiFi deployments
• AX1800 WiFi 6 Dual-Radio NebulaFlex Access Point • 5 GHz: 2x2; 2.4 GHz: 2x2 • Captive portal and IEEE 802.1X authentication support • Cellular network coexistence	
• AX3000 WiFi 6 Dual-Radio NebulaFlex Access Point • 160 MHz channels support • 5 GHz: 3x3; 2.4 GHz: 2x2 • 2.5GbE uplink • Cellular network coexistence	• Dual-radio (3x3 +2x2) 802.11ax AP provides maximum data rate of 3000 Mbps (NWA50AX PRO) • Dual-radio (dual 2x2) 802.11ax AP provides maximum data rate of 1775 Mbps (NWA50AX) • The 2.5G uplink port enables multi-gig connectivity for small biz networks, making it easy to upgrade to high-speed networks without re-cabling (NWA50AX PRO) • NebulaFlex allows users to switch between standalone or intuitive Nebula cloud managed modes as needed • Advanced Cellular Coexistence minimizes interferences from 4G/5G cellular networks • Smart Mesh automatically forms dynamic wireless links and mitigates complex, inconvenient cabling WiFi deployments
• AX1800 WiFi 6 Dual-Radio NebulaFlex Access Point • 5 GHz: 2x2; 2.4 GHz: 2x2 • Cellular network coexistence	
• AX1800 WiFi 6 Dual-Radio NebulaFlex Outdoor Access Point • Outdoor coverage up to IP55 weatherproof rating	• Dual-radio (2x2) 802.11ax AP provides maximum data rate of 1775 Mbps • Smart Mesh automatically forms dynamic wireless links to bridge networks for interbuilding settings and mitigates complex, inconvenient cabling WiFi deployments • External, detachable antenna design allows users to attach other antennas that better suit different demands • Designed for harsh outdoor environment with up to IP55 weatherproof rating • Easy configuration setup with Zyxel's intuitive Nebula Cloud to get the network up and running in no time

Wireless LAN Feature Matrix

Access Point

Model	NebulaFlex Pro AP			
	WiFi 7		WiFi 6E	
	WBE660S	WBE530	WAX640S-6E	WAX620D-6E
Product Name	BE22000 WiFi 7 Triple-Radio NebulaFlex Pro Access Point	BE11000 WiFi 7 Triple-Radio NebulaFlex Access Point	AXE7800 WiFi 6E Triple-Radio NebulaFlex Pro Access Point	AXE5400 WiFi 6E Dual-Radio NebulaFlex Pro Access Point
				
Main Design				
Wireless frequency	2.4, 5 and 6 GHz	2.4, 5 and 6 GHz	2.4, 5 and 6 GHz	2.4 and 5/6 GHz
Radio	3	3	3	2
RF Specifications				
Number of antenna	Smart antenna	Smart antenna	Smart antenna	6 embedded dual-optimized antenna (4T4R+2T2R MIMO)
Antenna gain	3 dBi @2.4 GHz 5 dBi @5 GHz 5 dBi @6 GHz	3 dBi @2.4 GHz 5 dBi @5 GHz 5 dBi @6 GHz	4 dBi @2.4 GHz 6 dBi @5 GHz 6 dBi @6 GHz	3 dBi @2.4 GHz 5 dBi @5 GHz 6 dBi @6 GHz
LAN				
Number of 10/100/1000M LAN	1	1	1	1
Number of multigig LAN	1 (10GbE)	1 (10GbE)	1 (2.5GbE)	1 (2.5GbE)
PoE	Yes	Yes	Yes	Yes
PoE power draw	41 W	41 W	28 W	21 W
WLAN Features				
WLAN maximum net throughput	Up to 9000 Mbps	Up to 9000 Mbps	Up to 2500 Mbps	Up to 1200 Mbps
WDS	Yes	Yes	Yes	Yes
Smart Mesh (Nebula)	Yes	Yes	Yes	Yes
Fast Roaming (802.11r, k, v)	Yes***	Yes***	Yes***	Yes***
Wireless Security				
WPA/WPA2-PSK	Yes	Yes	Yes	Yes
WPA/WPA2-Enterprise (IEEE 802.1x)	Yes	Yes	Yes	Yes
WPA3	Yes	Yes	Yes	Yes
DPSSK (WPA2 only)	Yes** (No in 6 GHz)	Yes** (No in 6 GHz)	Yes** (No in 6 GHz)	Yes** (No in 6 GHz)
EAP types	EAP-TLS, EAP-TTLS, EAP-PEAP, EAP-FAST, EAP-AKA and EAP-SIM	EAP-TLS, EAP-TTLS, EAP-PEAP, EAP-FAST, EAP-AKA and EAP-SIM	EAP-TLS, EAP-TTLS, EAP-PEAP, EAP-FAST, EAP-AKA and EAP-SIM	EAP-TLS, EAP-TTLS, EAP-PEAP, EAP-FAST, EAP-AKA and EAP-SIM
Number of SSID	24	24	24	16
Web authentication	Yes***	Yes***	Yes***	Yes***
MAC filtering	Yes	Yes	Yes	Yes
Layer-2 isolation	Yes, multiple profile	Yes, multiple profile	Yes, multiple profile	Yes, multiple profile
RADIUS authentication	Yes	Yes	Yes	Yes
Microsoft AD authentication	Yes*	Yes*	Yes*	Yes*
MAC authentication	Yes***	Yes***	Yes***	Yes***
Rogue AP detection	Yes	Yes	Yes	Yes
Firewall	Yes*	Yes*	Yes*	Yes*
Network				
IPv6 host	Yes	Yes	Yes	Yes
VLANs	Yes	Yes	Yes	Yes
DHCP client	Yes	Yes	Yes	Yes
NAT	Yes**	Yes**	Yes**	Yes**
Management				
Standalone AP mode	Yes	Yes	Yes	Yes
Managed AP mode	Yes	Yes	Yes	Yes
NebulaFlex	Yes (1 yr Pro License)	Yes (1 yr Pro License)	Yes (1 yr Pro License)	Yes (1 yr Pro License)
Web UI/CLI	Yes	Yes	Yes	Yes
SNMP	Yes	Yes	Yes	Yes
Others				
Power supply	USB Type C Charger: USB PD Output: 15 V/3 A (not included)	USB Type C Charger: USB PD Output: 15 V/3 A (not included)	Input: AC 100 - 240 V - 50/60 Hz 0.3 A; Output: DC +12 V 2.5 A (Note: PSU sold seperately)	Input: AC 100 - 240 V - 50/60 Hz 0.3 A; Output: DC +12 V 2 A (Note: PSU sold seperately)
MTBF (hrs)	242,749	242,749	361,400	711,333
Heat dissipation (BTU/hr)	139.9	139.9	95.9	71.7
Physical Specifications				
Item eimensions (WxDxH)(mm/in.)	310 x 178 x 56/ 12.205 x 7.01 x 2.205	310 x 178 x 56/ 12.205 x 7.01 x 2.205	270 x 150 x 47/ 10.63 x 5.91 x 1.85	180 x 180 x 42/ 7.09 x 7.09 x 1.65
Item weight (g/lb.)	1412/3.11	1412/3.11	900/1.98	650/1.43
Included accessories	• Pole/wall mount kit • Screw	• Mount plate • Mounting screws	• Mount plate • Mounting screws	• Mount plate • Mounting screws

*: Supported when work with AP Controller

**: Supported when work with Nebula Control Center

***: Supported when work with AP Controller or Nebula Control Center

Model	NebulaFlex Pro AP		
	WiFi 6		
	WAX650S	WAX630S	WAX610D
Product name	AX3600 WiFi 6 Dual-Radio NebulaFlex Pro Access Point	AX3000 WiFi 6 Dual-Radio NebulaFlex Pro Access Point	AX3000 WiFi 6 Dual-Radio NebulaFlex Pro Access Point
			
Main Design			
Wireless frequency	2.4 and 5 GHz	2.4 and 5 GHz	2.4 and 5 GHz
Radio	3 (1 for monitor)	2	2
RF Specifications			
Number of antenna	Smart antenna	6 embedded smart antenna (4T4R+2T2R MIMO)	6 embedded dual-optimized antenna (4T4R+2T2R MIMO)
Antenna gain	3 dBi @2.4 GHz 5.8 dBi @5 GHz	3 dBi @2.4 GHz 4.5 dBi @5 GHz	5 dBi @2.4 GHz 6 dBi @5 GHz
LAN			
Number of 10/100/1000M LAN	1	1	1
Number of multigig LAN	1 (up to 5GbE)	1 (2.5GbE)	1 (2.5GbE)
PoE	Yes	Yes	Yes
PoE power draw	31 W	19 W	19 W
WLAN Features			
WLAN maximum net throughput	Up to 2000 Mbps	Up to 1200 Mbps	Up to 1200 Mbps
WDS	Yes	Yes	Yes
Smart Mesh (Nebula)	Yes	Yes	Yes
Fast roaming (802.11r, k, v)	Yes***	Yes***	Yes***
Wireless Security			
WPA/WPA2-PSK	Yes	Yes	Yes
WPA/WPA2-Enterprise (IEEE 802.1x)	Yes	Yes	Yes
WPA3	Yes	Yes	Yes
DPSPK (WPA2 only)	Yes**	Yes**	Yes**
EAP types	EAP-TLS, EAP-TTLS, EAP-PEAP, EAP-FAST, EAP-AKA and EAP-SIM	EAP-TLS, EAP-TTLS, EAP-PEAP, EAP-FAST, EAP-AKA and EAP-SIM	EAP-TLS, EAP-TTLS, EAP-PEAP, EAP-FAST, EAP-AKA and EAP-SIM
Number of SSID	16	16	16
Web authentication	Yes***	Yes***	Yes***
MAC filtering	Yes	Yes	Yes
Layer-2 isolation	Yes, multiple profile	Yes, multiple profile	Yes, multiple profile
RADIUS authentication	Yes	Yes	Yes
Microsoft AD authentication	Yes*	Yes*	Yes*
MAC authentication	Yes***	Yes***	Yes***
Rogue AP detection	Yes	Yes	Yes
Firewall	Yes*	Yes*	Yes*
Network			
IPv6 host	Yes	Yes	Yes
VLANs	Yes	Yes	Yes
DHCP client	Yes	Yes	Yes
NAT	Yes**	Yes**	Yes**
Management			
Standalone AP mode	Yes	Yes	Yes
Managed AP mode	Yes	Yes	Yes
NebulaFlex	Yes (1 yr Pro License)	Yes (1 yr Pro License)	Yes (1 yr Pro License)
Web UI/CLI	Yes	Yes	Yes
SNMP	Yes	Yes	Yes
Others			
Power supply	Input: AC 100 - 240 V - 50/60 Hz 0.3 A; Output: DC +12 V 2.5 A (Note: PSU sold seperately)	Input: AC 100 - 240 V - 50/60 Hz 0.3 A; Output: DC +12 V 2 A (Note: PSU sold seperately)	Input: AC 100 - 240 V - 50/60 Hz 0.3 A; Output: DC +12 V 2 A (Note: PSU sold seperately)
MTBF (hrs)	180,653	635,837	635,837
Heat dissipation (BTU/hr)	105.8	64.8	64.8
Physical Specifications			
Item dimensions (WxDxH)(mm/in.)	230 x 235 x 53.5/9.06 x 9.25 x 2.11	180 x 180 x 39/7.09 x 7.09 x 1.54	180 x 180 x 39/7.09 x 7.09 x 1.54
Item weight (g/lb.)	1160/2.56	545/1.20	545/1.20
Included accessories	• Mount plate • Mounting screws	• Mount plate • Mounting screws	• Mount plate • Mounting screws

*: Supported when work with AP Controller

**: Supported when work with Nebula Control Center

***: Supported when work with AP Controller or Nebula Control Center

Access Point

Model	NebulaFlex Pro AP		
	WiFi 6		
	WAX510D	WAX655E	WAX300H
Product name	AX1800 WiFi 6 Dual-Radio NebulaFlex Pro Access Point	AX5400 WiFi 6 Dual-Radio NebulaFlex Pro Outdoor Access Point	AX3000 WiFi 6 Dual-Radio NebulaFlex Pro Wall-Plate Access Point
  			
Main Design			
Wireless frequency	2.4 and 5 GHz	2.4 and 5 GHz	2.4 and 5 GHz
Radio	2	2	2
RF Specifications			
Number of antenna	4 embedded dual-optimized antenna (2T2R MIMO)	6 external (optional accessory)	3 embedded dual band (2.4G: 2T2R MIMO/5G: 2T2R MIMO)
Antenna gain	5 dBi @2.4 GHz 6 dBi @5 GHz	-	3 dBi @2.4 GHz 4 dBi @5 GHz
LAN			
Number of 10/100/1000M LAN	1	1	4
Number of multigig LAN	-	1 (2.5GbE)	-
PoE	Yes	Yes	Yes
PoE power draw	17 W	24.5 W	19 W (Include 5 W for PoE PSE)
WLAN Features			
WLAN maximum net throughput	Up to 1000 Mbps	Up to 1200 Mbps	Up to 1000 Mbps
WDS	Yes	Yes	Yes
Smart Mesh (Nebula)	Yes	Yes	Yes
Fast roaming (802.11r, k, v)	Yes***	Yes***	Yes**
Wireless Security			
WPA/WPA2-PSK	Yes	Yes	Yes
WPA/WPA2-Enterprise (IEEE 802.1x)	Yes	Yes	Yes
WPA3	Yes	Yes	Yes
DPSSK (WPA2 only)	Yes**	Yes**	-
EAP types	EAP-TLS, EAP-TTLS, EAP-PEAP, EAP-FAST, EAP-AKA and EAP-SIM	EAP-TLS, EAP-TTLS, EAP-PEAP, EAP-FAST, EAP-AKA and EAP-SIM	TLS, TTLS, PEAP, FAST, AKA and SIM
Number of SSID	16	16	16
Web authentication	Yes***	Yes***	Yes**
MAC filtering	Yes	Yes	Yes
Layer-2 isolation	Yes, multiple profile	Yes, multiple profile	Yes, multiple profile
RADIUS authentication	Yes	Yes	Yes
Microsoft AD authentication	Yes*	Yes*	Yes*
MAC authentication	Yes***	Yes***	Yes**
Rogue AP detection	Yes	Yes	Yes
Firewall	Yes*	Yes*	Yes*
Network			
IPv6 host	Yes	Yes	Yes
VLANs	Yes	Yes	Yes
DHCP client	Yes	Yes	Yes
NAT	Yes**	Yes**	Yes**
Management			
Standalone AP mode	Yes	Yes	Yes
Managed AP mode	Yes	Yes	Yes
NebulaFlex	Yes (1 yr Pro License)	Yes (1 yr Pro License)	Yes (1 yr Pro License)
Web UI/CLI	Yes	Yes	Yes
SNMP	Yes	Yes	-
Others			
Power supply	Input: AC 100 - 240 V - 50/60 Hz 0.3 A; Output: DC +12 V 1.5 A (Note: PSU sold separately)	PoE12-30W (sold separately)	-
MTBF (hrs)	329,004	992,516	750,816
Heat dissipation (BTU/hr)	58.0	83.6	64.8
Physical Specifications			
Item dimensions (WxDxH)(mm/in.)	180 x 180 x 39/7.09 x 7.09 x 1.54	256 x 257 x 70/10.08 x 10.12 x 2.76	173 x 97 x 29/6.81 x 3.82 x 1.14
Item weight (g/lb.)	310/0.68	1365/3.1	352/0.78
Included accessories	- Mount plate - Mounting screws	- Pole/wall mount kit - Screw	Multi-purpose mounting bracket with screws

*: Supported when work with AP Controller

**: Supported when work with Nebula Control Center

***: Supported when work with AP Controller or Nebula Control Center

Model	NebulaFlex Pro AP	NebulaFlex AP	
	WiFi 5	WiFi 7	WiFi 6E
	WAC500H	NWA130BE	NWA220AX-6E
Product name	AC1200 WiFi 5 Wave 2 Dual-Radio NebulaFlex Pro Wall-Plate Access Point	BE11000 WiFi 7 Triple-Radio NebulaFlex Access Point	AXE5400 WiFi 6E Dual-Radio NebulaFlex Access Point
			
Main Design			
Wireless frequency	2.4 and 5 GHz	2.4, 5 and 6 GHz	2.4 and 5/6 GHz
Radio	2	3	2
RF Specifications			
Number of antenna	2 embedded dual band (2T2R MIMO)	6 embedded triple band (2.4G/5G/6G: 2T2R MIMO)	6 embedded (4T4R+2T2R MIMO)
Antenna gain	3 dBi @2.4 GHz 4 dBi @5 GHz	3 dBi @2.4 GHz 4 dBi @5 GHz 4 dBi @6 GHz	3 dBi @2.4 GHz 5 dBi @5 GHz 6 dBi @6 GHz
LAN			
Number of 10/100/1000M LAN	3	-	1
Number of multigig LAN	-	2 (2.5GbE)	1 (2.5GbE)
PoE	Yes	Yes	Yes
PoE power draw	18 W (Include 7 W for PoE PSE)	24 W	21 W
WLAN Features			
WLAN maximum net throughput	Up to 450 Mbps	Up to 2500 Mbps	Up to 1200 Mbps
WDS	Yes	Yes	Yes
Smart Mesh (Nebula)	Yes	Yes	Yes
Fast roaming (802.11r, k, v)	Yes***	Yes***	Yes***
Wireless Security			
WPA/WPA2-PSK	Yes	Yes	Yes
WPA/WPA2-Enterprise (IEEE 802.1x)	Yes	Yes	Yes
WPA3	Yes	Yes	Yes
DPSSK (WPA2 only)	Yes**	Yes** (No in 6 GHz)	Yes** (No in 6 GHz)
EAP types	TLS, TTLS, PEAP, FAST, AKA and SIM	EAP-TLS, EAP-TTLS, EAP-PEAP, EAP-FAST, EAP-AKA and EAP-SIM	EAP-TLS, EAP-TTLS, EAP-PEAP, EAP-FAST, EAP-AKA and EAP-SIM
Number of SSID	16	24	16
Web authentication	Yes***	Yes***	Yes**
MAC filtering	Yes	Yes	Yes
Layer-2 isolation	Yes, multiple profile	Yes, multiple profile	Yes, multiple profile
RADIUS authentication	Yes	Yes	Yes
Microsoft AD authentication	Yes*	-	-
MAC authentication	Yes***	Yes**	Yes**
Rogue AP detection	Yes	Yes	Yes
Firewall	Yes*	-	-
Network			
IPv6 host	Yes	Yes	Yes
VLANs	Yes	Yes	Yes
DHCP client	Yes	Yes	Yes
NAT	Yes**	Yes**	Yes**
Management			
Standalone AP mode	Yes	Yes	Yes
Managed AP mode	Yes	-	-
NebulaFlex	Yes (1 yr Pro License)	Yes	Yes
Web UI/CLI	Yes	Yes	Yes
SNMP	Yes	Yes	Yes
Others			
Power supply	Input: AC 100 - 240 V - 50/60 Hz 0.3 A; Output: DC +12 V 1 A	Input: AC 100 - 240 V - 50/60 Hz 0.3 A; Output: DC +12 V 2A (Note: PSU sold seperately)	Input: AC 100 - 240 V - 50/60 Hz 0.3 A; Output: DC +12 V 2 A (Note: PSU sold seperately)
MTBF (hrs)	542,017	698,312	711,333
Heat dissipation (BTU/hr)	61.4	81.9	71.7
Physical Specifications			
Item dimensions (WxDxH)(mm/in.)	173 x 97 x 29/6.81 x 3.82 x 1.14	250 x 160 x 47/9.84 x 6.30 x 1.85	180 x 180 x 42/7.09 x 7.09 x 1.65
Item weight (g/lb.)	223/0.49	808/1.79	650/1.43
Included accessories	• Multi-purpose mounting bracket with screws	• Mount plate • Mounting screws	• Mount plate • Mounting screws

*: Supported when work with AP Controller

**: Supported when work with Nebula Control Center

***: Supported when work with AP Controller or Nebula Control Center

Access Point

Model	NebulaFlex AP			
	WiFi 6			
	NWA210AX	NWA110AX	NWA90AX Pro	NWA90AX
Product name	AX3000 WiFi 6 Dual-Radio NebulaFlex Access Point	AX1800 WiFi 6 Dual-Radio NebulaFlex Access Point	AX3000 WiFi 6 Dual-Radio NebulaFlex Access Point	AX1800 WiFi 6 Dual-Radio NebulaFlex Access Point
   				
Main Design				
Wireless frequency	2.4 and 5 GHz	2.4 and 5 GHz	2.4 and 5 GHz	2.4 and 5 GHz
Radio	2	2	2	2
RF Specifications				
Number of antenna	6 embedded (2.4G: 2T2R MIMO/ 5G: 4T4R MIMO)	4 embedded (2T2R MIMO)	3 embedded dual band (2.4G: 2T2R MIMO/ 5G: 3T3R MIMO)	2 embedded dual band (2T2R MIMO)
Antenna gain	5 dBi@2.4 GHz 6 dBi@5 GHz	5 dBi @2.4 GHz 6 dBi @5 GHz	3 dBi @2.4 GHz 4 dBi @5 GHz	3 dBi @2.4 GHz 4 dBi @5 GHz
LAN				
Number of 10/100/1000M LAN	1	1	-	1
Number of multigig LAN	1 (2.5GbE)	-	1	-
PoE	Yes	Yes	Yes	Yes
PoE power draw	19 W	17 W	20.5 W	16 W
WLAN Features				
WLAN maximum net throughput	Up to 1000 Mbps	Up to 900 Mbps	Up to 1200 Mbps	Up to 900 Mbps
WDS	Yes	Yes	Yes	Yes
Smart Mesh (Nebula)	Yes	Yes	Yes	Yes
Fast roaming (802.11r, k, v)	Yes**	Yes**	Yes**	Yes**
Wireless Security				
WPA/WPA2-PSK	Yes	Yes	Yes	Yes
WPA/WPA2-Enterprise (IEEE 802.1x)	Yes	Yes	Yes	Yes
WPA3	Yes	Yes	Yes	Yes
DPSSK (WPA2 only)	Yes**	Yes**	-	-
EAP types	EAP-TLS, EAP-TTLS, EAP-PEAP, EAP-FAST, EAP-AKA and EAP-SIM	EAP-TLS, EAP-TTLS, EAP-PEAP, EAP-FAST, EAP-AKA and EAP-SIM	TLS, TTLS, PEAP, FAST, AKA and SIM	TLS, TTLS, PEAP, FAST, AKA and SIM
Number of SSID	16	16	16	16
Web authentication	Yes**	Yes**	Yes**	Yes**
MAC filtering	Yes	Yes	Yes	Yes
Layer-2 isolation	Yes, multiple profile	Yes, multiple profile	Yes, multiple profile	Yes, multiple profile
RADIUS authentication	Yes	Yes	Yes	Yes
Microsoft AD authentication	-	-	-	-
MAC authentication	Yes**	Yes**	Yes**	Yes**
Rogue AP detection	Yes	Yes	Yes	Yes
Firewall	-	-	-	-
Network				
IPv6 host	Yes	Yes	Yes	Yes
VLANs	Yes	Yes	Yes	Yes
DHCP client	Yes	Yes	Yes	Yes
NAT	Yes**	Yes**	-	-
Management				
Standalone AP mode	Yes	Yes	Yes	Yes
Managed AP mode	-	-	-	-
NebulaFlex	Yes	Yes	Yes	Yes
Web UI/CLI	Yes	Yes	Yes	Yes
SNMP	Yes	Yes	-	-
Others				
Power supply	Input: AC 100 - 240 V - 50/60 Hz 0.3 A; Output: DC +12 V 2 A	Input: AC 100 - 240 V - 50/60 Hz 0.3 A; Output: DC +12 V 1.5 A	Input: AC 100 - 240 V - 50/60 Hz 0.3 A; Output: DC +12 V 2 A	Input: AC 100 - 240 V - 50/60 Hz 0.3 A; Output: DC +12 V 1.5 A
MTBF (hrs)	329,004	635,837	420,539	1,010,980
Heat dissipation (BTU/hr)	64.8	58.0	69.9	54.6
Physical Specifications				
Item dimensions (WxDxH)(mm/in.)	180 x 180 x 39/7.09 x 7.09 x 1.54	180 x 180 x 39/7.09 x 7.09 x 1.54	140 x 140 x 37.5/5.51 x 5.51 x 1.48	140 x 140 x 37.5/5.51 x 5.51 x 1.48
Item weight (g/lb.)	545/1.20	453/1.00	352/0.78	290/0.64
Included accessories	- Power adapter - Mount plate - Mounting screws	- Power adapter - Mount plate - Mounting screws	- Power adapter - Mount plate - Mounting screws	- Power adapter - Mount plate - Mounting screws

*: Supported when work with AP Controller

***: Supported when work with Nebula Control Center

***: Supported when work with AP Controller or Nebula Control Center

Model	NebulaFlex AP		
	WiFi 6		
	NWA50AX Pro	NWA50AX	NWA55AXE
Product name	AX3000 WiFi 6 Dual-Radio NebulaFlex Access Point	AX1800 WiFi 6 Dual-Radio NebulaFlex Access Point	AX1800 WiFi 6 Dual-Radio NebulaFlex Outdoor Access Point
			
Main Design			
Wireless frequency	2.4 and 5 GHz	2.4 and 5 GHz	2.4 and 5 GHz
Radio	2	2	2
RF Specifications			
Number of antenna	3 embedded dual band (2.4G: 2T2R MIMO/5G: 3T3R MIMO)	2 embedded dual band (2T2R MIMO)	2 external (2T2R MIMO)
Antenna gain	3 dBi @2.4 GHz 4 dBi @5 GHz	3 dBi @2.4 GHz 4 dBi @5 GHz	4 dBi @2.4 GHz 5 dBi @5 GHz
LAN			
Number of 10/100/1000M LAN	-	1	1
Number of multigig LAN	1	-	-
PoE	Yes	Yes	Yes
PoE power draw	20.5 W	16 W	16 W
WLAN Features			
WLAN maximum net throughput	Up to 1200 Mbps	Up to 900 Mbps	Up to 900 Mbps
WDS	Yes	Yes	Yes
Smart Mesh (Nebula)	Yes	Yes	Yes
Fast roaming (802.11r, k, v)	Yes*	Yes*	Yes*
Wireless Security			
WPA/WPA2-PSK	Yes	Yes	Yes
WPA/WPA2-Enterprise (IEEE 802.1x)	No	No	No
WPA3	Yes (Personal)	Yes (Personal)	Yes (Personal)
DPSPK (WPA2 only)	-	-	-
EAP types	No	No	No
Number of SSID	16	16	16
Web authentication	-	-	-
MAC filtering	Yes	Yes	Yes
Layer-2 isolation	Yes, multiple profile	Yes, multiple profile (V6.29)	Yes, multiple profile (V6.29)
RADIUS authentication	-	-	-
Microsoft AD authentication	-	-	-
MAC authentication	-	-	-
Rogue AP detection	Yes	Yes	Yes
Firewall	-	-	-
Network			
IPv6 host	Yes	Yes	Yes
VLANs	Yes	Yes	Yes
DHCP client	Yes	Yes	Yes
NAT	-	-	-
Management			
Standalone AP mode	Yes	Yes	Yes
Managed AP mode	-	-	-
NebulaFlex	Yes	Yes	Yes
Web UI/CLI	Yes	Yes	Yes
SNMP	-	-	-
Others			
Power supply	Input: AC 100 - 240 V - 50/60 Hz 0.3 A; Output: DC +12 V 2 A	Input: AC 100 - 240 V - 50/60 Hz 0.3 A; Output: DC +12 V 1.5 A	802.3at PoE Injector
MTBF (hrs)	420,539	1,010,980	1,091,186
Heat dissipation (BTU/hr)	69.9	54.6	54.6
Physical Specifications			
Item dimensions (WxDxH)(mm/in.)	140 x 140 x 37.5/5.51 x 5.51 x 1.48	140 x 140 x 37.5/5.51 x 5.51 x 1.48	308 x 136.4 x 49.6/12.13 x 5.37 x 1.95
Item weight (g/lb.)	352/0.78	290/0.64	580/1.28
Included accessories	• Power adapter • Mount plate • Mounting screws	• Power adapter • Mount plate • Mounting screws	• PoE injector • Mounting screws

*: Supported when work with Nebula Control Center

Antenna

For Indoor and Outdoor

Model	ANT2105	
Product photo		
Space	Outdoor	
Type	Omni, 1 port	
Frequency band (MHz)	2400 - 2483	5150 - 5875
Gain	4.5 dBi	7 dBi
VSWR	2.0:1 Max.	2.0:1 Max.
Polarization	Linear, vertical	
HPBW/Horizontal	● 360°	● 360°
HPBW/Vertical	► 30°	► 15°
Connector	N type plug	
Temperature	-10°C to 70°C/14°F to 158°F	
Weight (g/lb.)	70/0.15	
Dimensions (mm/in.)	ø22 x 183	
Accessory kit	-	

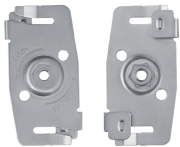
Cable

Product	LMR 200-N	LMR 400-N	EXT-300
Product photo			
Description	RP-SMA plug to N-plug Cable length: 3 m, 9 m	N-plug to N-plug Cable length: 1 m, 9 m	RP-SMA plug, N-jack (Jumper Cable)/N-plug, N-jack (Surge Arrestor): 0.5 m

Enclosure

Product	Weather-Proof Enclosure		
Product photo			
Description	• Operating temperature range from 50°C to -20°C • IPX5 rating • Wall/Pole mounting (pole mount kit is sold separately)		
Compatible models	• WAX630S • WAX620D-6E • WAX610D • WAX510D	• NWA220AX-6E • NWA210AX • NWA110AX	• NWA90AX • NWA50AX • NWA90AX PRO • NWA50AX PRO

Mounting Accessory

Product	ACCESSORY-ZZ0105F	ACCESSORY-ZZ0106F	ACCESSORY-ZZ0107F*
Product photo			
Description	BAR ceiling clips for ceiling mount Zyxel AP (5 sets)	Pole mounting kit for outdoor AP enclosure	Desktop mounting kit for wall-plate Zyxel AP - WAX300H, WAC500H (10 packs)

*: Desk stand only; does not include the AP.

Corporate Headquarters

Zyxel Networks Corp.
Tel: +886-3-578-3942
Fax: +886-3-578-2439
Email: sales@zyxel.com.tw
www.zyxel.com

Europe

Zyxel Belarus
Tel: +375 25 604 3739
Email: info@zyxel.by
www.zyxel.by

Zyxel BeNeLux
Tel: +31 23 555 3689
Fax: +31 23 557 8492
Email: sales@zyxel.nl
www.zyxel.nl
www.zyxel.be

Zyxel Bulgaria
(Bulgaria, Macedonia,
Albania, Kosovo)
Tel: +3592 4443343
Email: info@cz.zyxel.com
www.zyxel.bg

Zyxel Czech Republic
Tel: +420 725 567 244
Tel: +420 606 795 453
Email: sales@cz.zyxel.com
Support: <https://support.zyxel.eu>
www.zyxel.cz

Zyxel Denmark A/S
Tel: +45 39 55 07 00
Fax: +45 39 55 07 07
Email: sales@zyxel.dk
www.zyxel.dk

Zyxel Finland
Tel: +358 9 4780 8400
Email: myynti@zyxel.fi
www.zyxel.fi

Zyxel France
Tel: +33 (0)4 72 52 97 97
Fax: +33 (0)4 72 52 19 20
Email: info@zyxel.fr
www.zyxel.fr

Zyxel Germany GmbH
Tel: +49 (0) 2405-6909 0
Fax: +49 (0) 2405-6909 99
Email: sales@zyxel.de
www.zyxel.de

Zyxel Hungary & SEE
Tel: +36 1 848 0690
Email: info@zyxel.hu
www.zyxel.hu

Zyxel Iberia
Tel: +34 911 792 100
Email: ventas@zyxel.es
www.zyxel.es

Zyxel Italy
Tel: +39 011 230 8000
Email: info@zyxel.it
www.zyxel.it

Zyxel Norway
Tel: +47 22 80 61 80
Fax: +47 22 80 61 81
Email: salg@zyxel.no
www.zyxel.no

Zyxel Poland
Tel: +48 223 338 250
Hotline: +48 226 521 626
Fax: +48 223 338 251
Email: info@pl.zyxel.com
www.zyxel.pl

Zyxel Romania
Tel: +40 770 065 879
Email: info@zyxel.ro
www.zyxel.ro

Zyxel Russia
Tel: +7 499 705 6106
Email: info@zyxel.ru
www.zyxel.ru

Zyxel Slovakia
Tel: +421 919 066 395
Email: sales@sk.zyxel.com
Support: <https://support.zyxel.eu>
www.zyxel.sk

Zyxel Sweden A/S
Tel: +46 8 55 77 60 60
Fax: +46 8 55 77 60 61
Email: sales@zyxel.se
www.zyxel.se

Zyxel Switzerland
Tel: +41 (0)44 806 51 00
Fax: +41 (0)44 806 52 00
Email: info@zyxel.ch
www.zyxel.ch

Zyxel Turkey A.S.
Tel: +90 212 314 18 00
Fax: +90 212 220 25 26
Email: bilgi@zyxel.com.tr
www.zyxel.com.tr

Zyxel UK Ltd.
Tel: +44 (0) 118 9121 700
Fax: +44 (0) 118 9797 277
Email: sales@zyxel.co.uk
www.zyxel.co.uk

Zyxel Ukraine
Tel: +380 89 323 9959
Email: info@zyxel.eu
www.zyxel.ua

Asia

**Zyxel China (Shanghai)
China Headquarters**
Tel: +86-021-61199055
Fax: +86-021-52069033
Email: sales@zyxel.cn
www.zyxel.cn

Zyxel China (Beijing)
Tel: +86-010-62602249
Email: sales@zyxel.cn
www.zyxel.cn

Zyxel China (Tianjin)
Tel: +86-022-87890440
Fax: +86-022-87892304
Email: sales@zyxel.cn
www.zyxel.cn

Zyxel India
Tel: +91-11-4760-8800
Fax: +91-11-4052-3393
Email: info@zyxel.in
www.zyxel.in

Zyxel Kazakhstan
Tel: +7 727 350 5683
Email: info@zyxel.kz
www.zyxel.kz

Zyxel Korea Corp.
Tel: +82-2-890-5535
Fax: +82-2-890-5537
Email: sales@zyxel.kr
www.zyxel.kr

Zyxel Malaysia
Tel: +603 2282 1111
Fax: +603 2287 2611
Email: sales@zyxel.com.my
www.zyxel.com.my

Zyxel Middle East FZE
Tel: +971 4 372 4483
Cell: +971 562146416
Email: sales@zyxel-me.com
www.zyxel-me.com

Zyxel Philippine
Email: sales@zyxel.com.ph
www.zyxel.com.ph

Zyxel Singapore
Tel: +65 6339 3218
Hotline: +65 6339 1663
Fax: +65 6339 3318
Email: apac.sales@zyxel.com.tw

Zyxel Taiwan (Taipei)
Tel: +886-2-2739-9889
Fax: +886-2-2735-3220
Email: sales_tw@zyxel.com.tw
www.zyxel.com.tw

Zyxel Thailand
Tel: +66-(0)-2831-5315
Fax: +66-(0)-2831-5395
Email: info@zyxel.co.th
www.zyxel.co.th

Zyxel Vietnam
Tel: (+848) 35202910
Fax: (+848) 35202800
Email: sales_vn@zyxel.com.tw
www.zyxel.com/vn/vi/

The Americas

**Zyxel USA
North America Headquarters**
Tel: +1-714-632-0882
Fax: +1-714-632-0858
Email: sales@zyxel.com
us.zyxel.com

Zyxel Brazil
Tel: +55 (11) 3373-7470
Fax: +55 (11) 3373-7510
Email: comercial@zyxel.com.br
www.zyxel.com/br/pt/

