



# NETGEAR WAX638E 4800 Mbit/s White Power over Ethernet (PoE)

**Brand :** NETGEAR

**Product code:** WAX638E-111EUS

**Product name :** WAX638E

Insight Managed AXE7800 Tri-Band WiFi 6E Access Point

[NETGEAR WAX638E 4800 Mbit/s White Power over Ethernet \(PoE\):](#)

Exclusively for both residential and commercial custom network installations. Get powerful and reliable WiFi 6E connectivity for all your devices, even in high-density environments. Simplified enterprise-grade security and networking for the homes and businesses. Includes 4 years of NETGEAR Insight Pro or Premium Subscription and 4 years of NETGEAR ProSupport OnCall 24x7 Service Pack.

### Simply Better Together

Combine your WiFi Access Points with a Multi-Gig Switch to optimize your network for power and speed.

### WiFi 6E, THE FASTEST WiFi EVER

WAX638E adds a new 6GHz band for new high-performance WiFi 6E devices like laptops and smartphones, reducing data loads on the other two bands so WiFi speed increases for every device connected to the access point.



Features		Security	
2.4 GHz *	✓	Remote Authentication Dial-In User Service (RADIUS)	✓
5 GHz *	✓	<b>Ports &amp; interfaces</b>	
6 GHz *	✓	Ethernet LAN (RJ-45) ports *	2
Maximum data transfer rate *	4800 Mbit/s	DC-in jack	✓
Maximum data transfer rate (2.4 GHz)	600 Mbit/s	<b>Power</b>	
Maximum data transfer rate (5 GHz)	4800 Mbit/s	Power over Ethernet (PoE) *	✓
Maximum data transfer rate (6 GHz)	2400 Mbit/s	DC voltage range	12 V
Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n	Input current	3.5 A
Auto MDI/MDI-X	✓	<b>Design</b>	
MIMO	✓	Product colour *	White
MIMO type	Multi User MIMO	Reset button	✓
Wi-Fi Multimedia (WMM)/(WME)	✓	LED indicators	✓
VLAN support	✓	<b>Antenna</b>	
<b>Security</b>		Antenna type *	Internal
Security algorithms *	SSID, WPA2-Enterprise, WPA3	Antenna features	Integrated antenna
MAC address filtering	✓	Antenna gain level (max)	4.4 dBi
Auto Wireless Distribution System (WDS)	✓	<b>Weight &amp; dimensions</b>	
		Width	266.6 mm
		Depth	268.3 mm
		Height	55.5 mm
		Weight	1.05 kg
		<b>Operational conditions</b>	
		Operating temperature (T-T)	0 - 40 °C



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