Sparx201-W
Wireless powerline adapter kit

AELEL204U2

5 YEAR WARRANTY
·Must register at:
nexxtsolutions.com/warranty

Up to 300Mbps wireless transmission

Encryption security

100Mbps adaptive LAN/WAN port

Expanded coverage Eliminates dead spots

No drilling or wiring required

Power-saving mode

Compact space-saving design

Expand your network using the electrical system of your home or office: no wiring required

Overview

Nexxt Solution introduces its series of powerline adapters which takes advantage of electrical wiring and outlets to create a reliable high speed network. This solution is the easiest and fastest way to extend your Internet connection and network to a location within a household or business which an ethernet cable or Wi-Fi signal will not reach. The modular setup of this technology allows users to add additional devices at the end point, to continue expanding the network under the same electrical circuit for wireless clients. The addition of a wireless module enables a Wi-Fi signal. A minimum of two devices is required to create a simple powerline network.

The **Sparx201-W** can achieve wireless speeds of up to 300Mbps, enabling these compact devices to be easily deployed in all scenarios that require Wi-Fi to be enabled. The powerline adapters do not require tedious installation – a simple press of a button synchronizes the unit to the other adapters in the circuit without the need of running cables to deploy a network.
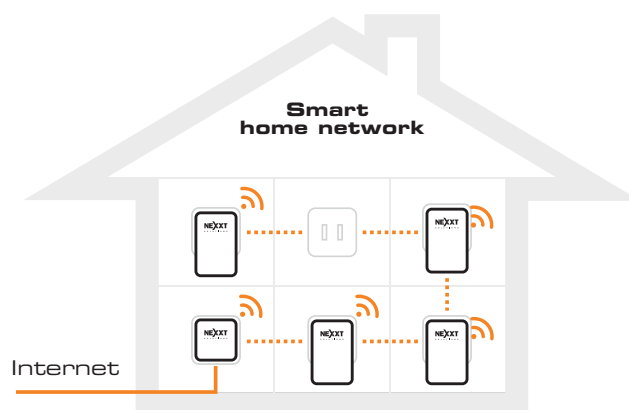
Features

• Delivers powerline speeds of up to 200Mbps at full duplex, for intense HD streaming applications
• Wireless-N standard provides transmission speeds of up to 300Mbps
• One 100Mbps self-adaptive LAN/WAN port
• Up to 300 meter range over an electrical circuit, for enhanced performance through walls or across floors
• No drilling or wiring required
• Simple configuration: one button set up
• Power-saving mode, significantly reduces energy consumption
• Sleek, compact design blends in any environment
• QoS for bandwidth intensive applications and traffic control
• 128bit AES for security
• Five-year warranty

Package content

•	Powerline network wired adapter	1 pc
•	Powerline network wireless adapter	1 pc
•	Network cable	2 pcs
•	Quick installation guide	1 pc

Smart home network

Internet

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Technical specifications

MPN	AELEL204U2	
Hardware features	**Wireless adapter**	**Wired adapter**
Standards	2.4GHz: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, IEEE 802.3, IEEE 802.3u Homeplug AV	IEEE 802.3, IEEE 802.3u Homeplug AV
Ports and interface	One 10/100Mbps interchangeable LAN/WAN port	One 10/100Mbps interchangeable LAN/WAN port
Speed	Power line up to 200Mbps (full duplex mode)	Power line up to 200Mbps (full duplex mode)
Antennas	Internal 2.4GHz PCB antenna	na
Button	One pairing/reset	One pairing/reset
LED indicators	WPS, wireless link, power, PLC and LAN	Power, PLC and LAN
Wireless features		
Wireless rate	Up to 300Mbps	na
Frequency	2.4GHz	na
Radio data rate	IEEE 802.11n: up to 300Mbps IEEE 802.11g: up to 54Mbps IEEE 802.11b: up to 11Mbps	na
Security	Wireless access control (wireless MAC filter) Wireless security: Enable/Disable 64/128bit WEP WPA-PSK / WPA2-PSK	na
Operation mode	AP (Access Point)	na
Wireless function	Enable/Disable wireless radio Wireless access control	na
Software features		
Security	128bit AES	128bit AES
VPN pass-through	Yes	Yes
Environment		
Operating temperature	32°F-113°F	32°F-113°F
Storage temperature	-40°F-158°F	-40°F-158°F
Relative humidity	Operating humidity: 10%-90% non-condensing Storage humidity: 5%-90% non-condensing	Operating humidity: 10%-90% non-condensing Storage humidity: 5%-90% non-condensing
Physical appearance		
Power	100-240VAC 50/60Hz	100-240VAC 50/60Hz
Housing	Polycarbonate (PC) plastic	Polycarbonate (PC) plastic
Color	White	White
Product dimensions	2.4x1.2x3.8in	2.1x2.1x1.2in
Product weight	0.22lb	0.11lb
Additional Information		
Warranty	Five years	
Certificates	FCC	