



Features

- Practical data-rate*: up to **600+ Mbit/Sec** of user data
- Centralized management tools
- DFS (Dynamic Frequency Selection)
- TPC (Transmit Power Control)
- AP, AP Client, and Bridge
- Metal case design
- OFDM
- WEP, WPA, WPA2
- WEB Management
- Point-to-Point
- POE

11n MAX600



600Mbps

SKU: SILMAX600-PCP

The advantages of the 11n MAX600

- Easy configuration. Supplied as pre-configured pairs so that all you need to do is power them up.
- Simple network structure. Easy to install. Power over Ethernet functionality requires only a single Ethernet cable between the LAN and the 11n MAX600 for sufficient power

Contents

- 2 x 11n MAX600
- 2 x Mounting brackets
- 1 x Product CD
- 2 x Power Adapter(56V)



What is the 11n MAX600?

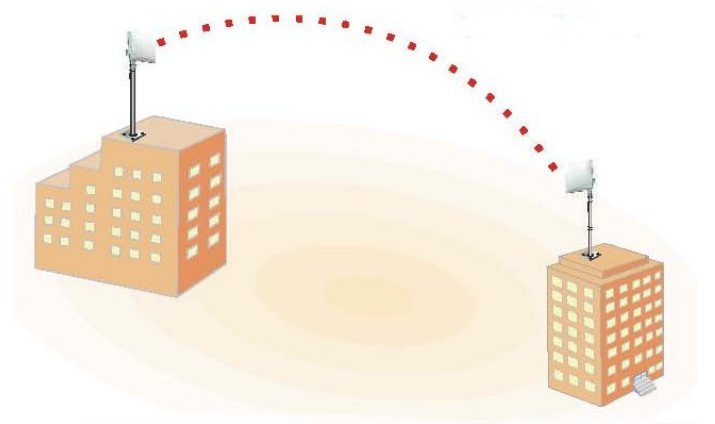
The 11n MAX600 works at 5GHz and is compatible with the 802.11n standard.

SilverNets 11n MAX600 incorporates all of the key components needed to deliver high-performance, dual concurrent AP/Router/Bridge solutions.

The 11n MAX600 leverages the outstanding performance of Atheros' 600MHz AR7161 WNPU to achieve Gigabit Ethernet connectivity.

Simultaneous, dual radio 3x3 MIMO capability enables a bandwidth of up to **600Mbps** PHY/Link rate to be achieved.

The 11n MAX600 is an Ideal high bandwidth solution for Long-range point to point links, With staggeringly high throughput and very long distance transmission, enhanced features, such as spatial multiplexing, real-time compression and packet bursting, gives the 11n MAX600 unparalleled data throughput capabilities.



‘Link in a Box’

Feature	
Transmission rate	450, 405, 360, 270, 180, 135, 90, 45 Mbps 3 spatial streams x 2
Operating Mode	AP, AP Client, and Bridge
Wireless	IEEE802.11a
Other wireless	Enable/Disable broadcast SSID
Standards	IEEE802.11a IEEE802.3/u IEEE802.3af
Security	
WEP Encryption	64 / 128 / 152 bits
Radius	Supports Radius Client
802.1x	Supports 802.1x Client and Server
WPA	Wi-Fi Protected Access (EAP, TKIP)
WPA2	AES/802.11i
SSID	Support Enable/Disable Broadcast
MAC	Supports MAC address filtering
Physical	
Gain	23 ± 0.5 dBi
HPBW/ Horizontal/ Vertical	10° x 10°
Front to back ratio	20dB
Max-bandwidth	Full: 100Mbps (100Base), 10Mbps (10Base)
LAN/WAN	One 10/100BASE-T (RJ-45) LAN Port
Default button	Yes
Power	DC 48Volt/1A POE; AC Adapter 100V~240V
Channel (Country Dependent)	USA (FCC): 5.15GHz~5.35GHz; 5.725GHz~5.825GHz Europe (ETSI): 5.47GHz ~5.850GHz China: 5.725GHz ~5.85GHz
RF output power	20dBm MAX from port
Sensitivity	-72dBm@54Mbps
Dust and Waterproof	Ip65 Certified
Dimensions	30.5 x 30.5 x 8 (cm)
Weight	3.5Kg Each
Management	
WEB	Yes
Firmware	Upgradeable via web
Environment	
Operating Temperature	-20~60°C
Humidity	0~90%

11n Series Product Information

11n MICRO300

Up to 300Mbps

◆ 11n up to **100Mbps data throughput** radio, DFS, TPC, IEEE802.11n, OFDM, WPA, WPA2, WEB Management, AP, AP Client, and Bridge, POE. Built in dual 13dBi antenna

SKU: SILMICRO300-PCP

11n MAX300

Up to 300Mbps

◆ 11n up to **240Mbps data throughput** radio, DFS, TPC, IEEE802.11n, OFDM, WPA, WPA2, WEB Management, AP, AP Client, and Bridge, POE. Built in dual 23dBi antenna, including XSPAN spatial multiplexing and real-time compression.

SKU: SILMAX300-PCP

11n MAX600

Up to 600Mbps

◆ 11n up to **600Mbps data throughput** radio, DFS, TPC, IEEE802.11n, OFDM, WPA, WPA2, WEB Management, AP, AP Client, and Bridge, POE. Built in dual 23dBi antenna, including XSPAN spatial multiplexing and real-time compression.

SKU: SILMAX600-PCP

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SilverNet Limited reserve the right to change specifications and other information within this document without notice and your attention is brought to the fact that performance figures are under ideal conditions. Actual performance will depend on many environmental factors and it is recommended that a site survey if undertaken prior to installation.

Please also note that this equipment may also be subject to local legislative restrictions such as Band C operation within the UK. It is the end users responsibility to ensure that the installation complies with any such restrictions that are in force.