



## Features

- XSPAN 6.5 - 300 Mbps (per band)
- MIMO with spatial multiplexing
- DFS (Dynamic Frequency Selection)
- WEP, WPA(TKIP), WPA2(AES)
- Gigabit POE
- TPC (Transmit Power Control)
- AP, AP Client, and Bridge
- Metal case design
- Centralized management tools
- WEB Management
- Point-to-Point

## 11n MAX300



**SKU: SILMAX300-PCP**

### *The advantages of the 11n MAX300*

- 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 MAX300 for sufficient power

### **Contents**

- 2 x 11n MAX300
- 2 x Mounting brackets
- 1 x Product CD
- 2 x Power Adapter(56V)

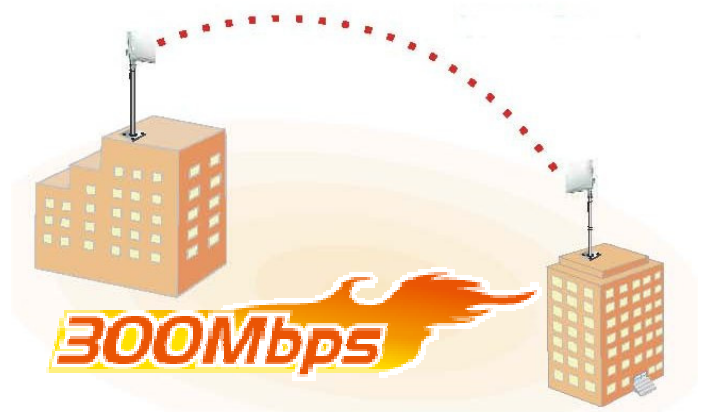


### **What is the 11n MAX300?**

The 11n MAX300 operates at 5GHz and is an Ideal high bandwidth solution for long-range point to point links, With staggeringly high throughput, gigabit network interface and very long distance transmission.

The 11n MAX300 leverages the outstanding performance of Atheros' 600MHz AR7161 WNPU to achieve Gigabit Ethernet connectivity.

➤ The 11n MAX300 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 XSPAN spatial multiplexing, real-time compression and packet bursting, gives the 11n MAX300 unparalleled data throughput capabilities.



‘Link in a Box’

Feature	
Transmission Rate	300, 270, 240, 180, 120, 90, 60, 30 Mbps 2 spatial streams
Operating Mode	AP, AP Client, and Bridge
Wireless	IEEE 802.11a 6 - 54 Mbps XSPAN 6.5 - 300 Mbps (per band)
Other wireless	Enable/Disable broadcast SSID
Standards	802.11a, 802.11b, 802.11g, 802.11d, 802.11e, 802.11h, 802.11i, 802.11j, draft 802.11n , 802.3/u, 802.3af
Security	
WEP Encryption	64 / 128 / 152 bits
Radius	Supports Radius Client
802.1x	Supports 802.1x Client and Server
WPA (TKIP)	Wi-Fi Protected Access (EAP, TKIP)
WPA2 (AES)	AES/802.11i
SSID	Support Enable/Disable Broadcast
MAC	Supports MAC address filtering
Physical	
Gain	Dual 23 ± 0.5 dBi
HPBW/ Horizontal/ Vertical	10° x 10°
Front to back ratio	20dB
Ethernet Connection	(RJ-45) LAN Port
LAN/WAN	1000Mbps (1000Base), 100Mbps (100Base), 10Mbps (10Base) With Auto MDI/MDIX
Power	DC 55Volt/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	15dBm MAX from port
Sensitivity	-73dBm@300Mbps
Dust and Waterproof	Ip66 Certified
Dimensions	37 x 36.5 x 9 (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**

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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.