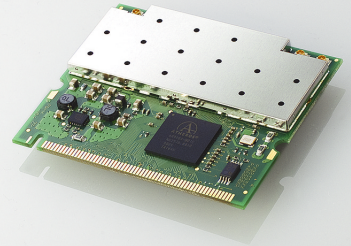


# SX-10WAN 802.11n/a/b/g Wireless Mini PCI Module



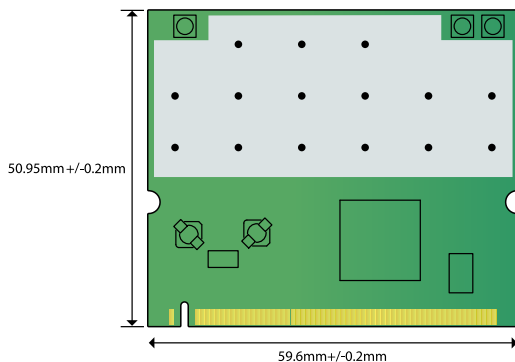
For Reliable High-Speed Embedded Applications

## Up To Five Times As Fast As 802.11a/g

### Key Features:

- 300Mbps maximum data rate (theoretical, 802.11n mode)
- Mini PCI Type IIIA interface
- Atheros Communications AR9160B, 9106A chipset
- MIMO 3x3 for high-speed stable networking
- Designed, manufactured, and inspected by Silex to provide highest quality product for use in severe environments
- Meets a wide range of global certifications / standards
  - ARIB STD-T66
  - RCR STD-33
  - ARIB STD-T71
  - FCC Part 15 Subpart C
  - IC RSS210
  - EU R&TTE (EN300 328, EN301 893, EN60950)
  - EU RoHS
- Certified for operation in United States, Japan, and Europe (with specified antenna and cable set)
- Supports diversity antenna configurations
- Driver support included in Linux 2.6.27 and later versions
- Custom drivers available from Silex

### Dimensions:



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### silex embedded technology:

Silex Technology is a 30-year developer of external and embedded device-device connectivity products. Silex has become the world's #1 supplier of print server products over the past 10 years, helping global OEMs improve the way they move information. Silex advantages for OEMs include a U.S.-based support team, industry-leading software solutions like our NSS security suite, and exceptional Japanese quality manufacturing.

### Specifications:

Product Name	SX-10WAN	
Chipset	Atheros A9160B, AR9106A	
Antenna Connector	I-PEX 20279-001E-01 x 3	
Operating Voltage	3.3V ± 0.3V	
Radio Output	11g mode: 16dBm Max 11b mode: 14dBm Max 11a mode: 14dBm Max 11n mode: 12dBm Max	
Power Consumption	Transmit: 1A Receive 600mA	
Weight	15g	
Dimensions	50.95 x 59.6 x 6mm	Thickness of PCB 1.0mm
Storage Conditions	Storage Temperature -10 to +80°C	Storage Humidity 5 to 90%RH
Operating Conditions	Operating Temperature 0 to +70°C	Operating Humidity 20 to 90%RH
Package Contents	Module, E/A Sticker	

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