

SX-10WAG 802.11a/g/b Wireless Mini PCI Module



For Reliable Embedded Wi-Fi Connectivity

Experience the Quality Global OEMs Trust

Key Features:

- Compliant to:
 - 802.11a: 5.170 to 5.835 GHz center frequency (FCC UNII 1/2/3, ETSI, J52)
 - 802.11g/b: 2.412 to 2.484 GHz center frequency (ch. 1-13/14)
- Data transfer speed of up to 54Mbps (theoretical figure when using 11a/g mode)
- Uses highly reliable Atheros AR5414 chipset
- Supports Atheros Super AG
- Meets a wide range of global regulatory certifications / standards
 - ARIB STD-T66
 - ARIB STD-T71
 - RCR STD-33
 - EU Directive R&TTE (EN300 328, EN60950, EN301 893)
 - EU Directive RoHS
 - FCC Part 15 Subpart C
 - IC RSS210
- Compliant to Mini PCI Type III I/F
- Designed by silex and manufactured at Silex's ISO 9001/2000 facility
- Certified for wireless standards in major countries: Japan, US, Canada, EU (Limited modular certification in U.S. and Canada)
- Includes antenna (2.5dBi with 802.11a or 1.5dBi with 802.11b/g) and supports diversity antenna configurations

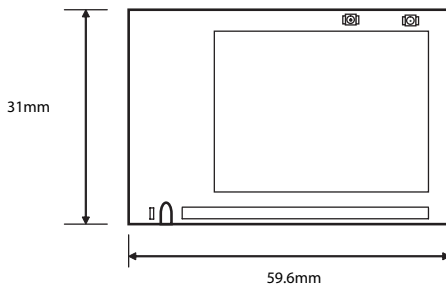
Silex embedded technology:

Silex Technology is a 30-year developer of external and embedded device-device connectivity products. silex has become the world's #1 supplier of embedded wired and wireless connectivity 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-10WAG 802.11a/b/g Mini PCI wireless LAN module	
Chipset	Atheros Communications AR5414A-001	
Antenna Connector	U.FL connector x Diversity antenna	
Operating Voltage	3.3V ± 0.3V	
Radio Output	11a (14dBm), 11b (16dBm), 11g (ch 1: 13dBm; ch 2: 16 dBm; ch 3-4: 15.5dBm; ch 5-10: 15dBm; ch 11-13: 14dBm)	
Power Consumption	500mA max	
Weight	9g	
Dimensions	31 x 59.6 x 4mm	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, certification label, E/A label	

Dimensions:



Silex Technology is a registered trademark of Silex Technology, Inc. Other product or brand names may be registered trademarks or trademarks of their respective owners. Technical information and specifications are subject to change without notice. ©2007 Silex Technology, Inc. All rights reserved

silex global sales & support locations