



# Half PCIe MINI CARD

## WLE200N2

2 x 2 802.11b/g/n Single-band MIMO mini-PCIe

### Superior Performance for Multimedia Networking

WLE200N2 is an 802.11n Single-Band wireless mini pci express Half Mini Card based on Atheros AR9287 chipset. It supports 2T2R (2-stream) function, which provides maximum data rate up to 300Mbps and improves the overall Wi-Fi coverage area.

### Secure Wireless Connection

This Mini PCIe wireless card, WLE200N2, incorporated advanced security encryption, such as WPA, and WPA2, to help prevent users' devices from malicious attacks.

## Features

- Atheros HB97 reference design
- IEEE 802.11n compliant and backward compatible with 802.11b/g
- 2.4GHz Single-band 2 x 2 MIMO spatial multiplexing technique
- Output Power up to 16dBm
- Supports up to 300Mbps physical data rates
- Multi-Country Roaming Supported
- 2 x U.FL Antenna Connector
- Compliant with PCI-Express Mini Card 1.1 Standard
- Enhanced wireless security: WEP, WPA, WPA2
- Support Windows XP/ Vista, Win 7, Android by request

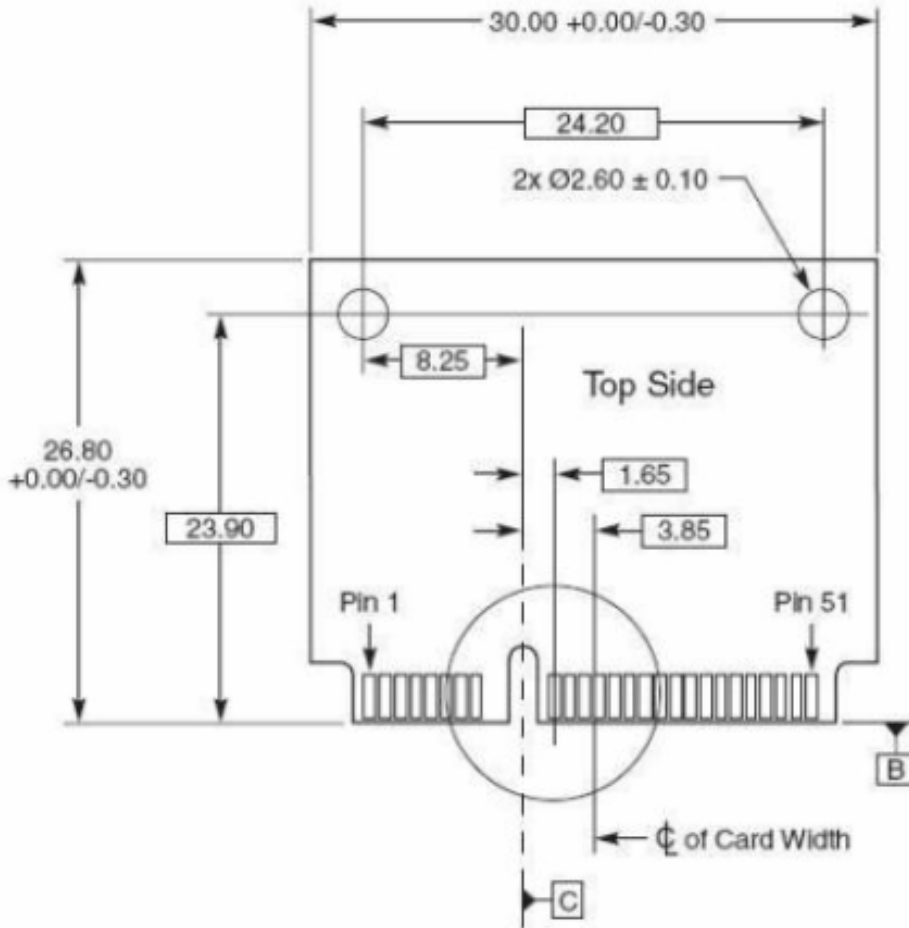
Technical Specifications										
Chipset	AR9287									
Host Interface	PCI-Express 1.1 Standard									
Operating Voltage	DC 3.3 V±9%									
Power Consumption	1.8W-1.9W									
Antenna Connector	2 x U.FL Antenna Connector									
Output Power (2T)	802.11b: 16dBm ± 1.5dBm@11Mbps 802.11g: 11dBm ± 1.5dBm@54Mbps 802.11gn HT20: 12dBm ± 1.5dBm@MCS7 802.11gn HT40: 11dBm ± 1.5dBm@MCS7									
Receive Sensitivity (2R)	802.11b: -88dBm ± 2dBm@11Mbps 802.11g: -70dBm ± 2dBm@54Mbps 802.11gn HT20: -67dBm ± 2dBm@MCS7 802.11gn HT40: -65dBm ± 2dBm@MCS7									
Standards	IEEE 802.11b :	11Mbps	5.5Mbps	2Mbps	1Mbps					
	IEEE 802.11g :	54Mbps	48Mbps	36Mbps	24Mbps	18Mbps	12Mbps	9Mbps	6Mbps	automatically
	Fallback to 5.5Mbps, 2Mbps, 1Mbps									
	IEEE 802.11n :	20MHZ	1Nss: 65Mbps @ 800GI, 72.2Mbps @ 400GI (Max.) 2Nss: 130Mbps @ 800GI, 144.4Mbps @ 400GI (Max.)							
Frequency Range	IEEE 802.11b/g/n:	2.412GHz ~ 2.462GHz (US & Canada)								
		2.412GHz ~ 2.472GHz (Europe)								
		2.412GHz ~ 2.484GHz (Japan)								
Modulation Techniques	OFDM: BPSK, QPSK, 16 QAM, 64QAM DSSS: DBPSK, DQPSK, CCK									
Environment Specifications	Operating: -20°C to 70°C Storage: -40°C to 90°C									
Humidity	5% to 95% (non-condensing)									
Weight	≤9g									
Dimension	30mm x 26.8mm x 3.45mm									

## Ordering Information<sup>①</sup>

Model Code	Chipset	Form Factor	CARD INFORMATION
WLE200N2 6A0000	AR9287	Half Size	802.11 b/g/n PCIe mini card

- ① Configurations are subject to change without notice  
Please contact Compex sales representatives for other available configurations

## DIMENSIONS DRAWING



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