

XOU-2410NGB

Long Range Outdoor USB-CPE

Budget Buster

802.11n/g/b, 1-watt

(EIRP radiation output **37dBm/6-watt**)

	 <div data-bbox="863 689 1058 813" style="background-color: red; color: white; padding: 5px; text-align: center; font-weight: bold; font-size: 24px;">6-W</div>
<p style="text-align: center;">XOU-2410NGB-1W (antenna optional with N-female connector)</p>	<p style="text-align: center;">XOU-2410NGB-6W (with 7-dbi antenna)</p>
	
<p>CPE applications: on roof/windows, 10m cable handy operations</p>	<p>Vehicle applications: laptop local power, 4Km non-LOS alignment-free</p>

Highlights

- Complies IEEE 802.11 **N/G/B** standard
- **IP67** enclosure for outdoor use : survive 27~131°F (-3 ~55°C)
- **Dual-chip** design : RealTek 3070L + 1-watt output chip; low temp., better isolation, big power
- Support 150 Mbps data rate
- High output power : **1-watt** immediate radio RF output;
- High EIRP radiation power with 7-dbi antenna: 30dBm + 7dbi = **37dBm/6-watt**
- Omni-directional design for **alignment-free; up to 4Km non-LOS and 10Km with LOS**
- Complies with Universal Serial Bus Rev. 1.0, 1.1 and 2.0 specifications and UPnP
- Support 64/128-bit WEP encryption, advanced WPA/WPA2 AES/TKIP and WPS security
- Support 20/40 MHz Bandwidth in AP mode
- SoftAP function : to create AP function with PC + indoor AP for sharing/serving indoor users
- Low power consumption (USB) with advanced power management
- Support driver for Windows 2000, XP 32/64 and Vista 32/64, Apple Mac and Linux
- Support auto-installation and diagnostic utilities

Specifications

Standards Compliance	IEEE 802.11b/g, 802.11 draft n 2.0, USB 2.0
Chipsets Solution	RealTek 3070L Our own masked 1-watt RF power chip (2 chipset solution)
Modulation	IEEE802.11b: CCK,DQPSK,DBPSK IEEE802.11g: OFDM with BPSK, QPSK, 16QAM, 64QAM IEEE802.11n draft 2.0:
Frequency Band	America/FCC : 2.412~2.462 GHz (11 channels) Europe CE/ETSI : 2.412~2.472 GHz (13 channels) Japan : 2.412~2.484 GHz (14 channels)
TX Power (radio RF output)	20~30dBm (100mW~1W) adjustable
TX Power (EIRP radiation output with 7-dbi antenna)	20dBm + 7-dbi ~ 30dBm + 7-dbi = 27dBm (500mW) ~ 37dBm (6-watt) adjustable
Transmission Rate	IEEE802.11b: 1/2/5.5/11 Mbps IEEE802.11g: 6/9/12/18/24/36/48/54 Mbps IEEE802.11n draft 2.0: 150 Mbps
Access Protocol	CSMA/CA
Sensitivity	-91dBm @ 11Mbps, PER < 8% packet size 1024; -76dBm @ 54Mbps, PER < 10% packet size 1024; -76±2dBm @ 65Mbps: 802.11n(20MHz); -74±2dBm @ 135Mbps: 802.11n(40MHz);
Frequency Stability	With ±10ppm
Antenna Type	External 7dBi Dipole Antenna (Optional)
Security Systems	64/128-bit WEP,WPA-PSK,WPA2-PSK,802.1X and Cisco CCX support WPS PIN/PBC
USB	USB 2.0 with 10 m (30ft) high quality USB cord
Temperature	27~131°F (-3 ~55°C)
Network Management System OS Support	Windows 2000/XP32-64/Vista32-64/Macintosh/Linux