

## WiN7200-2 System Specifications

### Radio and Modem:

Frequency	WiN7225-2: 2496 MHz to 2690 MHz WiN7235-2: 3300 MHz to 3800 MHz
Radio Access Method	IEEE802.16-2005 (16e OFDMA)
Compatibility	WiMAX Forum Wave 2 Profile
Operation Mode	TDD
Channel Bandwidth	3.5Mhz, 5 MHz, 7Mhz, 10 MHz
Frequency Resolution	0.25 MHz
Antennas	Integral Omni Attached dual slant External Sector
Number of Antennas	2
Default Antenna	Omni
Antennas Connectors	2x N-Type, 50 ohm, lightning protected
Diversity Support	2x2, STC/MIMO-SM
Output Power [P1dB]	2 x 5W;
Output Power (average)	27 dBm +/-1dB maximum
FFT/Modulation	512/1024 FFT points; QPSK, 16QAM, 64QAM
FEC	Convolution Code and Turbo Code
TPC	10dB
Synchronization	GPS or IEEE1588 (optional)

### Network Interfaces:

Network	1. 40.5-60VDC 2. 10/100BaseT Half/full Duplex IEEE 802.3 CSMA/CD Fiber Optic (optional)
ASN GW Compatibility	WiMAX Forum R6 Profile C Compatible with CISCO ASN-GW

### Configuration and Management:

Management	SNMP
SNMP Agent	SNMP ver 2 client: MIB II (RFC 1213), Private WiNMAX MIBs
Software Upgrade	FTP
Remote Configuration	FTP

### Mechanical:

Dimensions [HxWxD]	24cm x 20cm x 4cm
Weight	<4Kg

### Power Interface:

Input	48VDC
Power Consumption	39Watt maximum

### Environmental:

Operating Temperature	-40°C to +55°C
Operating Humidity	5%-95% non condensing, Weather protected

### Standards Compliance:

EMC	FCC part 15, subpart B, class B ETSI EN 301489-1/4
Safety	TUV-UL 60950-1 IEC 61950-1
Environmental	ETS 300 019: Part 2-1 T 1.2 & part 2-2 T 2.3 Part 2-4 T 4.1E IP66
Immunity	EN61000-4-2 EN61000-4-4 EN61000-4-5
Radio	FCC Part 27 ETSI EN302 326

### Ordering Information:

Part Number	WiN72XX-2-Y-ZZE-W
XX – Frequency range	See frequency table for details
Y – Sync. Interface	E – IEEE1588; G – GPS
ZZ – PA peak power [Watt]	05

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