

WiN5700 Specifications

Radio and Modem:

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| Frequency | WiN5723: 2300 MHz to 2400 MHz WiN5725: 2496 MHz to 2690 MHz WiN5735: 3300 MHz to 3600 MHz |
| Radio Access Method Compatibility | IEEE802.16-2005 (16e OFDMA) WiN57XX-1: Wave 1 Profile (SISO) WiN57XX-2: Wave 2 Profile (MIMO) |
| Operation Mode | TDD |
| Channel Bandwidth | 5 MHz, 7MHz, 8.75 MHz, 10 MHz |
| Frequency Resolution | 0.125 MHz |
| Antennas | Default: two internal PIFA antennas One external 2dBi Omni antenna (Optional) |
| Antenna Diversity Support | WiN50XX-2: STC/MIMO |
| Output Power @ antenna port | 22dBm +/-1dB maximum auto power control ranging: 45dB |
| FFT | 1024/512 FFT points |
| Modulation | QPSK, 16QAM, 64QAM |
| FEC | Convolution Code and Turbo Code |
| Dynamic range | Rx: -100dBm :-20 dBm Tx: -23dBm : +22 dBm |
| Maximum Throughput | DL: 12Mbps, UL: 6Mbps |

PC/Notebook Interface

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|-------------------|--------------------------------|
| PC Card | PCMACIA Type II Interface |
| Operating System | Windows XP SP2 Vista (2008) |
| Power Consumption | <2.5W |

Configuration and Management:

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| Authentication | EAP-TTLS: Device: X509 digital certificate User: MS-CHAP |
| Software Upgrade | Windows Driver Update |

Mechanical, Electrical and Environmental:

| | |
|-----------------------|---|
| LED | Data Link – Green Power - Red |
| Operating Temperature | 0°C to +40°C |
| Operating Humidity | 5%-95% non condensing, Weather protected |

Standards Compliance:

| | |
|--------|---------------------------------|
| EMC | FCC part 15, subpart B, class B |
| Safety | UL 60950, CE |
| Radio | FCC Part 27 ETSI EN 301021 |

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