



## Intel Wireless Gateway Specification Sheet

Item	Description
<b>NETWORK STANDARD</b>	IEEE 802.11b High Rate, 802.3
<b>FREQUENCY</b>	2.4GHz ISM band
<b>WIRELESS MEDIUM</b>	Direct Sequence Spread Spectrum (DSSS)
<b>MEDIA ACCESS CONTROL</b>	Carrier Sense Multiple Access with Collision Avoidance (CSMA/CA)
<b>OPERATING SYSTEMS SUPPORTED</b>	Windows* 2000, ME, 98, 95, and NT*
<b>OPERATING MODES</b>	Gateway (NAT router enabled) or AP Only (NAT router disabled)
<b>ENCRYPTION</b>	No encryption option; 64-bit (40 bit) WEP encryption option; 128-bit WEP encryption option
<b>MODULATION</b>	DBPSK @ 1Mbps; DQPSK @ 2Mbps; CCK @ 5.5 and 11Mbps
<b>OPERATING CHANNELS</b>	Europe - 13 channels; USA - 11 channels; Japan - 14 channels; Asia Pacific - according to country.
<b>ROAMING</b>	Supports roaming between multiple gateway units
<b>CERTIFICATION</b>	U.S./Canada: FCC Part 15 Class B US Unintentional Emissions; FCC hPart 15.247, 15.205, 15.209 US Spread Spectrum; DOC RSS-210 Canadian Spread Spectrum; Europe: ETS 300 328, ETS 300 826, CE Marked; Japan: RCR STD-33; Contact us for other information outside the U.S.
<b>ENVIRONMENTAL OPERATING RANGES</b>	0° to 40°C; Storage Temperature: -20° to 70°C; Operating Altitude: up to 2.4km
<b>HUMIDITY</b>	95% maximum non-condensing
<b>SHOCK</b>	40G, 11mS, half sine; Vibration: 2G peak, sine; 0.02G peak random
<b>STANDARDS CONFORMANCE</b>	IEEE 802.11b High Rate, IEEE 802.3 (10BASE-T)
<b>LOCAL CONFIGURATION</b>	Direct console port (serial EIA-232 DB-9 male)
<b>REMOTE CONFIGURATION</b>	HTTP, Telnet
<b>AUTOMATIC CONFIGURATION</b>	DHCP
<b>MAXIMUM CLIENTS</b>	DHCP server can provide to 252 addresses (wired and wireless), 16 wireless clients maximum, 64 clients simultaneous can access the Internet via NAT.
<b>MANAGEMENT FEATURES</b>	Client Access Control via MAC address; Embedded HTTP Server; Multilevel passwords; DHCP server
<b>DIAGNOSTIC CAPABILITIES</b>	Event logging, data packet tracing, operating statistics; Protocol filters
<b>RANGE</b>	Up to 1500' outdoors, 300' indoors
<b>ANTENNA</b>	Two white external, non-removable dipole antennas
<b>LED INDICATORS</b>	POWER, WLAN, LAN, WAN (activity lights), STAT (status)
<b>RECEIVE SENSITIVITY</b>	92dBm @ 1 Mbps; 88dBm @ 2 Mbps; 84dBm @ 5.5 Mbps; 80dBm @ 11 Mbps
<b>MAX OUTPUT POWER</b>	14 dBm
<b>POWER SUPPLY</b>	DC 5V 2000mA Power Adapter