

Operational Description of the equipment

MSI Wireless 11g MiniPCI Card MP54G (hereafter called MP54G), compliant with IEEE802.11g, is a high-efficiency wireless adapter for wireless networking at home, in office or in public places. The data rate can be up to 54 Mbps and auto-negotiated to 48, 36, 24, 18, 12, 9, 6Mbps (IEEE 802.11g), or 11, 5.5, 2, 1Mbps (IEEE802.11b).

With MP54G, you can roam between conference room and office without being disconnected the LAN cables; in addition, sharing files and printers can be easy tasks.

The MP54G is available to Microsoft Windows operating systems (Windows® XP/2000/ME/98SE) and can be integrated into networking with either Ad-hoc mode (computer-to-computer, without an Access Point) or Infrastructure mode (computer-to-access point, an Access Point is required).

PRODUCT	Wireless 11g MiniPCI Card
MODEL NO.	MS-6820
POWER SUPPLY	DC 3.3V from PCI slot of PC system
I/O PORT	PCI interface
FREQUENCY BAND	2400 ~ 2483.5MHz
CARRIER FREQUENCY	CH1: 2412MHz ~ CH11: 2462MHz
NUMBER OF CHANNEL	11
CHANNEL SPACING	5MHz
RATED RF OUTPUT POWER	13.03dBm
I.F. & L.O.	I.F.: 0MHz, L.O.: 2412~2484MHz
MODULATION TYPE	BPSK/QPSK/CCK/OFDM(16QAM, 64QAM)
BIT RATE OF TRANSMISSION	< 54Mbps
ANTENNA TYPE	Dipole Antenna x 4: Model No.: D500P, 888E, LP297, M300
ANTENNA GAIN	≤ 0.5dBi