



3.5G MOBILE EXPRESSCARD

GLOBALLY MOBILE BROADBAND

3.5G mobile protocol lets your broadband connection follow you wherever you go

DUAL ANTENNA FEATURE

Dual antennas provide optimal data throughput & reliable connectivity

SMALL COMPACT DESIGN

40% smaller than PCMCIA cards and more efficient

EXPRESSCARD MADE FOR MOBILITY

Whether at the office, around the block, or around the world the DWM-652 ExpressCard is made for people on the go. With maximum download speeds of 7.2Mbps, you can now do more with your mobile connection than ever before.

DUAL ANTENNAS FOR OPTIMAL PERFORMANCE

The dual antennas provide confidence in your mobile connection for signal transmission and reception. With a flip-up antenna fixed at the end of the ExpressCard and one antenna embedded in the body, the two work together to achieve exceptional performance and diversity in reception.

SLIM, COMPACT CARD

The DWM-652 ExpressCard is nearly 40% smaller than PCMCIA cards, and takes advantage of the USB 2.0 interface. While the ExpressCard's interface is the most recently adopted format employed by laptop vendors, it also supports USB and PCMCIA interfaces for your convenience¹.

SUPPORTS 3.5G HSDPA TECHNOLOGY

Supports the latest 3.5G High Speed Downlink Packet Access (HSDPA) technology, which offers improved data rates and helps to reduce latency. Also features backward compatibility with 3G and 2.5G technology.

MOBILE CONNECTION FOR NOTEBOOK PC USERS

Initially made for cellular phones, 3.5G technology is now available for notebook PCs. Simply insert your SIM/USIM card into the SIM/USIM slot at the bottom and you're ready to go.

¹ PCMCIA adapter is sold separately.

WHAT THIS PRODUCT DOES

Use the ExpressCard to allow your computer to connect to a wireless network and access high-speed Internet connection, transfer files, and stream media from wherever within your service coverage.

EXPRESSCARD BENEFITS

- + Much faster than legacy CardBus
- + Half the size and weight of a standard CardBus adapter
- + Provides superior performance, with better expansion flexibility and reliability over CardBus



TECHNICAL SPECIFICATIONS

HOST INTERFACE

- + ExpressCard/34

DATA RATES

- + DL: 7.2M/3.6M/1.8M/1.2M/384K (bps)
- + UL: Up to 384 (bps)

MINIMUM SYSTEM REQUIREMENTS

- + Computer with
 - WINDOWS XP OR WINDOWS 2000
 - CD-ROM DRIVE
 - 2MB
 - ExpressCard Slot

GSM BAND(GSM/GPRS/EDGE)

- + 850, 900, 1800, 1900

UMTS BAND(WCDMA/HSDPA)

- + 850, 1900, 2100

AUTO HSDPA-WCDMA-GPRS HANDOVER

- + Yes

ANTENNA

- + Diversity antenna

INTERFACE SUPPORT

- + ExpressCard, USB, PCMCIA

GSM

- + GSM 850/900 power class 4 (33dBm)
- + GSM 1800/1900 power class 1 (30dBm)
- + EDGE: 850/900/1800/1900 power class E2

UMTS/HSDPA

- + Power Class 3

INTERNET

- + PPP

SMS

- + Yes (for both CS and PS)

USIM SLOT

- + Yes

PLUG AND PLAY

- + Auto Installation

SIM LOCK

- + For operator

CONNECTION STATUS

- + Network name, signal strength, roaming indication, Radio tech

USAGE STATISTICS

- + Instant rate Vs time, accumulated bytes

RADIO MODE SELECTION

- + 3G/3.5G only (WCDMA/HSDPA)
- + 2G Only (GSM/GPRS/EDGE)
- + 2G+3G/3.5G dual-mode

BAND SELECTION

- + Worldwide (2100/1900/850 for 3G, 1900/1800/900/850 for 2G)
- + EU & Asia (2100 for 3G 1800/900 for 2G)
- + US(1900/850 for 3G and 2G)

AUTO CONNECT

- + Enable/Disable

RADIO ON/OFF

- + Radio-off button to turn off radio while connect to PC

ROAMING PREFERENCE

- + Network selection by standard auto or manual

IP SETTING

- + APN, DNS, DHCP Vs Static, Radius

RADIO NETWORK DETAILED INFO

- + Total Rx power, Tx power, Active set, pilot Ec/Io, carrier freq

SMS MANAGER

- + Inbox, outbox, editor, template, send folder, USIM phone book

GCF CC

- + R99 of GSM, GPRS and EDGE
- + R5 of WCDMA and HSDPA

SAFETY

- + R&TTE, CE, FCC, TW PLMN08 & 01

IT

- + ExpressCard, USB IF, WHQL

OPERATING VOLTAGE

- + 3.3 VDC +/- 10%

CURRENT CONSUMPTION

- + Max. 3.3W

DIMENSIONS

- + 119.6 x 42 x 11.25 (including antenna)

WEIGHT

- + 40g

O.S. SUPPORT

- + Windows Vista/XP/2000, Mac OS

OTHERS

- + RoHS