

Merlin™ X950D



HSDPA & HSUPA Mobile Broadband ExpressCard with Diversity & Equalizer

Merlin X950D HSDPA/HSUPA ExpressCard, powered by the Qualcomm MSM7200 chipset, is a smaller and faster version of a PCMCIA card that uses the ExpressCard/34 form factor. This global card, tri-band HSDPA/UMTS and quad-band EDGE/GPRS, allows for mobile broadband connections up to 7.2 Mbps. It is HSUPA-ready; a firmware upgrade will be made available for HSUPA that will allow upload speeds up to 2.1 Mbps.



This high performance card, with an integrated antenna, is sturdy in that there are no moving parts. The X950D offers both diversity and equalizer support with diversity on the 2100 MHz band; optimized for Europe and other parts of the world that use this frequency. No CD is required to install the software; it is flashed on the card thus simplifying user installation. This card can be used in both ExpressCard/34 and 54 slots; and with Novatel adapters, in PCMCIA and USB slots.

Worldwide Mobile Broadband

Peak download speeds to 7.2 Mbps for web surfing, e-mail, VPNs, and more. Use in home, office, on the road – virtually anywhere for on the go mobility. Works in North America, Europe and countries around the world in supported bands.

HSUPA-Upgradeable

Firmware upgrade for 2.1 Mbps HSUPA upload speed.

Small Compact Card

Uses the ExpressCard/34 form factor which is 40% smaller than a PCMCIA card and also takes advantage of the high bandwidth serial USB 2.0 interface. This 26-pin card is the newly adopted format for laptop vendors.

No CD Required to Install Software

Mobilink™ Lite Connection Manager will be pre-installed, flashed in the Express Card's memory. Dashboard customization as well as multiple languages is also available. MobiLink™ SDK is available for customizing the dashboard and for easy integration with third party dashboards.

Branding & Customization Available

Branding on ExpressCard, packaging, collateral, language, and software to keep the offering in sync with OEM or operator's marketing and branding strategies.

Address Multiple Market Segments with One Product

X950D fits in both ExpressCard/34 and 54 slots. With Novatel Wireless adapters, operators and OEMs can also sell for use in PCMCIA and USB slots. This simplifies inventory, carrying costs, and customer service in that this offering can be made to both desktop and laptop users.

Improve Coverage

An external antenna can be added to improve reception and minimize interference.

