

Motorola Introduces Two New WiMAX Devices: CPEi 725 and USBw 200

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USBw 200

The Home & Networks Mobility business of Motorola, Inc. today announced two new additions to its portfolio of WiMAX devices that deliver superior radio performance and throughput. The CPEi 725 is a desktop unit that provides fixed and nomadic access and also supports Voice over IP (VoIP) capability. The USBw 200 adaptor (dongle) enables broadband on the go. Both feature two antennas and switched transmitter diversity — which means a better network connection.

With this capability the [WiMAX](#) CPEi 725 and USBw 200 WiMAX devices will automatically transmit on the antenna that is receiving the stronger signal, providing subscribers with a better connection to the network while allowing operators to reduce base station infrastructure

requirements. The CPEi 725, available in the 2.5GHz band, and the USBw 200, available for the 2.3, 2.5 and 3.5GHz bands, can be updated over-the-air. Both products initially will be available in Q4 of 2009.

[Motorola](#)'s CPEi 725 features a balanced blend of integrated design, data and voice access ports, high gain antennas to offer the best possible signal strength and a highly sensitive receiver that exceeds the WiMAX Forum's specified receiver sensitivity requirements across all modulation schemes. In addition, the CPEi 725 features a single Analog Terminal Adaptor voice port to streamline the subscriber experience when connecting voice equipment.

The CPEi 725 has unique design advantages which improve network performance and end-user experience while reducing the total cost of operations. Leveraging Multiple Input Multiple Output (MIMO), diversity techniques, and excellent receiver sensitivity, these devices provide increased throughput, optimize utilization of system resources, and reduce the number of access points required to provide service.

The USBw 200's convenient USB format maximizes the benefits of switched transmitter diversity to deliver the same reliable access to broadband speeds on the go that subscribers might see from a cable or DSL connection. In addition, the USBw 200 auto installs the necessary drivers for the Windows XP and Vista operating systems built into the device, eliminating the need for a separate driver CD and delivering true plug-and-play simplicity. USBw 200 also supports interfacing to external antenna docks.

A unique power boost during network entry feature will make it even easier to connect to operator networks and expand footprints to a wider area. Finally, the USBw 200 delivers this improved experience while using less power - drawing less than 1.5 watts at peak power.

Source: Motorola

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