

Desktop Modem for Secure Broadband Wireless Access Over the FLASH-OFDM[®] Mobile Network

The FDM 2250 enables subscribers to browse the Internet, interact via email and instant messages, download files, make VoIP calls, use multimedia streaming, play online games, share pictures, and establish VPN sessions. The unit supports WiFi access points and Ethernet routers to provide connections to multiple desktop computers and laptops.



FEATURES

- FLASH-OFDM[®] mobile broadband technology
- Operates in the licensed 2.5GHz band
- Up to 5.3 Mbps peak data rates
- Low-latency access to all interactive applications
- Supports web browsing, email, media streaming, messaging, file transfer, corporate VPN, VoIP services, gaming

EASE OF USE

- Works with any Ethernet-enabled host and most Windows-based USB computers
- Easy, automated software installation for plug and play
- Web-based Terminal Manager for easy connection management
- Automatic upgrades for system-wide improvements
- Includes modem stand for upright use

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FDM 2250

SPECIFICATIONS

Airlink	FLASH-OFDM [®]
Frequencies ¹	2496-2566MHz UL; 2620-2690MHz DL
Peak Data Rate²	
Download	5.3 Mbps
Upload	1.8 Mbps
Antenna (TNC Connector³)	
Dimensions (excl. Antenna)	105x214x35 mm
Modem Stand	64 mm (width)
Weight (incl. Antenna)	340g
User Interfaces	
LEDs	Power, Ethernet/USB, signal quality
Modem I/O Ports	USB1.1, Ethernet (2m cables)
User Interface	Web-based application to monitor connection status and usage statistics
Hardware Requirements	
Host System	Pentium Processor (>166MHz), 128MB Memory, 2MB disk space, CD-ROM drive
Operating System (USB)	Windows [®] 2000, XP; RedHat [®] Linux 9; MacOS [®] 10.2, 10.3, 10.4
Operating System (Ethernet)	Any supporting TCP/IP networking
Power Requirements	
Power supply (included)	100 - 240 V AC
Operating voltage	5V
Peak current draw	2.2A
Operating Conditions	
Operating temperature	0°C to 55°C
Storage temperature	-20°C to 65°C
Operating humidity	<95%, non-condensing
Compliance	(to be determined)
Certifications	UL

¹ contact QFT for channelization specifications and guardbands

² measured at PHY layer; actual rates depend on signal quality, network load and airlink revision

³ supports use of high-gain antennas