QuickSpecs

Overview

Models

HP un2400 EV-DO/HSDPA Mobile Broadband Module   FN556AA

Introduction

The HP un2400 EV-DO/HSDPA Mobile Broadband Module is an integrated WWAN module for select HP notebooks that provides connection to and permits roaming on wireless networks in many countries worldwide. (Separately purchased carrier service required.)

With an HP Mobile Broadband enabled notebook and wireless carrier service, you can check e-mail, browse the Internet, and connect to corporate networks from anywhere within the coverage area-whether you are stationary or on the go. Begin to enjoy the freedom of connecting in more places, the speed of broadband, the coverage of 3G networks, and the security, reliability, and ease of use of HP business notebooks today!

Key Benefits

- Integrated Qualcomm Gobi technology enables high-speed Internet access with a single wireless solution. Gobi technology allows you to connect in more places* at Broadband speeds with no need to find a WiFi hotspot and provides access to both CDMA2000® EV-DO and UMTS/HSPA wireless networks.
- Allows international roaming in many countries** through support for multiple UMTS/HSDPA frequency bands and four GPRS/EDGE bands commonly used worldwide
- Greater flexibility in choosing a mobile operator - now and later.
- No protruding PC cards that can damage the notebook
- Connect easily with preloaded software
- Enhance security by avoiding connections at hotels, airports and hotspots and with built-in support for VPN applications

* Gobi technology requires separately purchased wireless data service contracts. Check with local service provider for coverage and availability in your area. Limited to mobile network operator coverage areas.
** Broadband connection requires wireless data service contract, network support and is not available in all areas. Contact service provider to determine the coverage area and availability. Connection speeds will vary due to location, environment, network conditions, and other factors.

Compatibility

The HP un2400 EV-DO/HSDPA Mobile Broadband Module is a factory configurable option for select HP notebooks and is also available as a user-installable accessory for the HP EliteBook 2530p, 2730p, 6930p and 8530p Notebook PC, and the HP EliteBook 8530w Mobile Workstation.

NOTE: Not all models are available in all regions.

Service and Support

HP un2400 EV-DO/HSDPA Mobile Broadband Module has a one-year limited warranty or the warranty remaining for the HP product in which it is installed. Technical support is available seven days a week, 24 hours a day, as well as in online support forums. Certain restrictions and exclusions apply.

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Technical Specifications

Technology/Operating Bands	GSM/GPRS/EDGE: 850MHz(Cell), 900MHz(EGSM), 1800MHz(DCS), 1900MHz (PCS) UMTS/WCDMA with receive diversity: 2100MHz (UTRA FDD Band I), 1900MHz (UTRA FDD Band II), 850MHz (UTRA FDD Band V) 1xEVDO/1xRTT with receive diversity: 850MHz (Band Class0-Cell), 1900MHz (Band Class1-PCS)
Wireless Protocol Standards	GSM/GPRS/EDGE: Class B, Multi-slot operation, coding schemes CS1 - CS4 and MSC1 - MSC9. UMTS/WCDMA: Release 99 and Release 5 CDMA: 1xEVDO Release 0 and Release A, IS-95A, IS-95B, IS-2000
Wireless Parametric Standards	Meets or exceeds TIA/EIA IS-98-D
Maximum Data Rates	UMTS (HSPA) - 7.2 Mbps (Download), 2.0Mbps (Upload) CDMA (EVDO Release A) - 3.1 Mbps (Download), 1.8Mbps (Upload)
Maximum Output Power	GSM/GPRS/EDGE: 32dBm (+/-1) WCDMA: 24dBm (+/-1) CDMA: 24dBm (+/-1)
Maximum Power Consumption	2500mA (peak); 1000mA (average)
Power Consumption, Sleep Mode	5 mA
Power Management	USB selective suspend Integrated notebook wireless button
Antenna Type	Dual high efficiency 5 band antennae with spatial diversity, mounted in the display enclosure
Form Factor	PCI-Express MiniCard
Weight	11.5 g
Dimensions (Length x Width x Thickness)	2.01 x 1.18 x 0.18 in (51 x 30 x 4.5 mm)
Voltage, Operating	3.3v +/- 10%
Temperature, Operating (from TIA/EIA/IS-98-D)	-22° to 140° F (-30° to 60° C) (full RF performance) -22° to 167° F (-30° to 75° C) (reduced RF performance)
Temperature, Non-operating, 96 hours (from MIL-STD 202 Method 108)	-40° to 185° F (-40° to 85° C)
Humidity, Non-operating	85% relative humidity for 48 hours @ 185° F (85° C) (non-condensing)
Configuration Utilities	HP Connection Manager
LED Activity	LED Off - Radio Off; Solid LED On - Radio On

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