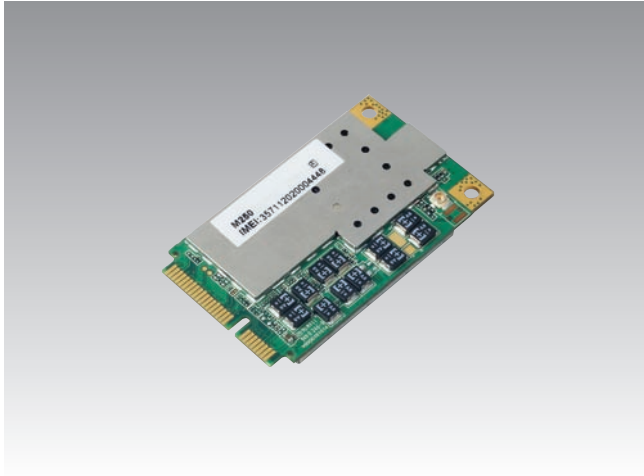


HSPA-102

HSUPA Embedded Module



Features

- 2100 MHz for UMTS band
- 850/900/1800/1900 MHz for EDGE/GPRS/GSM network
- Embedded Mini-PCIe module
- HSUPA Downlink: 7.2 Mbps, Uplink: 2 Mbps (Upgradable to 5.7 Mbps)
- Graphical Connection Manager
- Windows Vista 32/64, XP SP2, 2000 SP4, WinCE 5.0/6.0; Linux Fedora 8, Ubuntu 7

Introduction

HSPA-102 enables the deployment of high-speed cellular networks and is designed to enhance industrial PCs with high-bandwidth long-distance communication.

Specification

Item	Description	
Connectivity and Data Speed	GSM Band	850, 900, 1800, 1900 MHz
	UMTS Band	850, 1900, 2100 MHz
	HSPA/WCDMA Data Rate	Downlink: 7.2 Mbps, Uplink: 2 Mbps (software upgrade to 5.7 Mbps) Concurrent 7.2 Mbps HSDPA + 2.0 Mbps HSUPA
	Chipset	Qualcomm MSM6290 + RTR6285
	Auto HSDPA - WCDMA - GPRS handover	Yes
Antenna	Antenna Connector	U.FL microwave coaxial connector
Interface	USB	USB 2.0 (compliant with Low speed, Full speed, and high speed) modes
	SIM	USIM interface
	Graphical User Interface	Yes (Connection Manager)
LED	LED output pin support	
Operating System supported	Windows XP Vista 32/64, Linux 2.6	
Power Input	3.3V +/-0.3V, 2.75A max.	
Environment	Operation Temperature	-10° C to 55° C
	Storage Temperature	-30° C to 85° C
Dimension	50.95 x 30 x 4.75 mm (L x W x T)	
Weight	11 g	
Certifications	R&TTE (900/1800/2100 MHz)	
	FCC (850/1900 MHz)	
	GCF (900/1800/2100 MHz)	
	Microsoft certificated drivers	

Packing List

Description	Quantity
Mini-PCIe Embedded Module	X 1

Ordering Information

Part Number	Specification
HSPA-102	HSUPA Embedded Mini-PCIe module