

C270 - HSUPA Data Modem PRODUCT DESCRIPTION

Technologies: HSUPA/HSDPA/WCDMA/EDGE/GPRS/GSM

Downlink: 7.2Mbps; Uplink: 2Mbps

Form Factor: Retractable USB interface

Accessory: USB extension cable

OS Support: Windows Vista, XP, 2000, Mac OS X

Form Factor		
Dimension (LxWxH, mm)	ID: L: 59.9; W: 25; H: 13mm	
Weight (g)		
Connectivity and Data Speed		
GSM Band	850, 900, 1800, 1900MHz	
UMTS Band	A) 2100 B) 850 + 1900 C) 850 + 2100 D) 2100 + 900	
HSPA/WCDMA Data Rate	Downlink: 7.2Mbps, Uplink: 2Mbps (Upgradable to 5.7Mbps) Concurrent 3.6Mbps HSDPA + 2.0Mbps HSUPA	
WCDMA power class	power class 3	
EDGE/GPRS	class B, multislot class 12	
GPRS power class	power class 4 for 850/900 MHz bands, power class 1 for 1800/1900 MHz bands	
EDGE power class	power class E2 for 850/900/1800/1900 MHz bands	
chipset	Qualcomm MSM6290 + RTR6285	
Auto HSDPA - WCDMA - GPRS handover	Yes	
Antenna		
Main Antenna	Embedded antenna	
WCDMA Rx Diversity Antenna	built-in design, supported A) 2100 band or B) 1900 bands	
Memory		
Embedded memory	NAND 64MB + SDRAM 64MB	
External micro SD slot	Support up to 8 GB microSD memory card	
Interface		
USB	Retractable USB dongle interface	
SIM slot	Yes	
Plug and play	CD free installation	
Status Indication		
4 colors LED indicators	Blue	Data transferring in HSUPA/HSDPA bearer state
	Green	Camped on the WCDMA network and PDP in connection state
	Pink/Purple	Camped on the GPRS/EDGE network and PDP in connection state
	Red	No SIM card or SIM card verification fail
Accessories		
USB extension cable	Yes	
Operating System supported		
	Microsoft Windows™ Vista, XP SP2+, 2000 SP4+, Mac OSX	
Connection Manager		

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Plug and play	CD-free installation
Connection Status	Network name, signal strength, roaming indication, radio technology, connection status, connection time, total downlink/uplink byte
Usage Statistics	Instant rate vs. time (bar chart and number), connection time, max download speed, historical data of usage statistics
Network Profile	Auto APN matching with USIM, APN synchronization
Settings	Auto connect on start up (On/Off), Radio mode selection, Frequency band selection
Features	Phonebook from SIM and Outlook contacts, SMS manager, PIN management
User memory	support USB mass storage on microSD memory card
User Interface Languages Support	
Connection Manager	English, French, German, Italian, Spanish, Traditional Chinese
Power Consumption	
Voltage	5V typical
Data mode	TBD
Idle mode	TBD
Environment	
Operation Temperature	0°C to 55°C (32°F to 131°F)
Storage Temperature	-20°C to 65°C (-4°F to 149°F)
Certifications	
	CE
	GCF conformance
	Microsoft WHQL
	NCC
Conformance of Environmental Regulation	
	RoHS