C320 - HSPA+ Data Modem
PRODUCT DESCRIPTION

Technologies: HSPA+/HSPA/WCDMA/EDGE/GPRS/GSM

Phase 1: Downlink: 21Mbps; Uplink: 5.76Mbps
Phase 2: Downlink: 28.8Mbps; Uplink: 5.76Mbps

Form Factor: USB Dongle

Accessory: USB extension cable

OS Support: Windows 7, Vista, XP, 2000, Mac OS X

Form Factor			
Dimension (LxWxH, mm)	88 x 26 x 14		
Weight (g)	30		
Connectivity and Data Speed			
GSM Band	850, 900, 1800, 1900MHz		
UMTS Band	2100/850/1900/900MHz		
HSPA+/HSPA//WCDMA Data Rate	*Phase 1: Downlink: 21Mbps; Uplink: 5.76Mbps* *Phase 2: Downlink: 28.8Mbps; Uplink: 5.76Mbps*		
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 MDM8200		
Auto HSDPA - WCDMA - GPRS handov	Yes		
Antenna			
Main Antenna	Embedded antenna		
WCDMA Rx Diversity Antenna	embedded supports 2100 and 1900 bands		
Memory			
External micro SD slot	Support up to 16 GB microSD memory card		
Interface			
USB	Yes		
SIM slot	Yes		
Plug and play	CD free installation		
Status Indication			
4 colors LED indicators	Blue	Data transferring in HSPA+/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^{TM} 7, 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, Nederlands, Polish, Portuguese, Finnish, Russian, Arabic, Thai
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, FCC
	GCF conformance
	Microsoft WHQL
	NCC
Conformance of Environmental Regulation	
	RoHS