

# MOTOROLA CN620



## MOD

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where business  
is happening >



**MOTOROLA**

## Dual Network Features

### Inside Enterprise

- Voice and data over the 802.11 network (WLAN)
- Micro-mobility – move freely within the WLAN with in-call hand-off between WLAN access points

### Outside Enterprise

- Voice and data over the cellular network
- Macro-mobility – seamless hand-off of active calls between the WLAN and the cellular network

- > Desk phone number and key IP PBX features travel with you.
- > Smart Network Sensing routes calls to preferred networks.

## Enterprise Features

- Single enterprise voice mailbox
- Enterprise quality voice
- Conference calling
- Call transfer
- Speed dialing
- Multiple simultaneous active calls
- Internet/intranet access (WLAN + cellular network)
- VPN client for data access on GSM
- Microsoft® Windows® CE.NET™ operating system
- Microsoft® Windows® CE.NET™ application enabled
- Synchronization of calendar, contacts and tasks to Microsoft® Outlook®
- Push-to-Talk voice messaging within the enterprise

## Security

Motorola's Enterprise Seamless Mobility solution incorporates the latest industry standard security mechanisms.

### Security within the WLAN:

- 802.11 WPA based security solution utilizing 802.1x
- 802.11 EAP - TLS based 2 factor authentication.  
Device identity via X.509 certificate challenge and user identity via username and password challenge

### Security within the cellular network:

- GSM / GPRS security utilizing standard SIM based authentication
- IPSec based VPN client utilizing username and password challenge
- WAP 2.0 browser utilizing WTLS authentication on WAP browser
- Theft protection: user managed phone lock password challenge

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Get out of  
the COMPLEX >

**Motorola CN620 : the Mobile Office Device**

[ MOD ] combines the best features of an enterprise desk phone with the best features of a cell phone. Built from the ground up for the demanding needs of the enterprise, the CN620 offers a high level of connectivity and communication capabilities for business people whether they are in or out of the office. Dual network ( 802.11a / cellular ) capability provides key features of the desk phone virtually anywhere, including one phone number, one voice mail and IP PBX features such as call hold, conference calling, and multiple simultaneous active calls. One point navigation provides direct access to most commonly used features such as voice mail, email, contacts and calendar. Users can now be more accessible and productive than ever, in or out of the office.

**One point navigation  
provides easy access to  
key communications tools**

- Voice Mail
- Applications
- Web
- Call Log
- Contacts
- Settings
- Calendar
- Email
- Message Center



**Enterprise buttons for:  
Mute, Hold and  
Speaker Phone**

**Push-to-Talk over WLAN**



Description	Specification
<b>Bands / Modes</b>	GSM / GPRS : 850 / 1900 MHz WLAN : 802.11a
<b>Form Factor</b>	Easy open clamshell
<b>Size</b>	97 x 52 x 31mm
<b>Weight / Volume</b>	152g / 114cc
<b>Batteries</b>	High capacity Maximum capacity
<b>Talk Time<sup>1</sup></b>	150 - 190 mins
<b>Standby Time<sup>1</sup></b>	50 - 80 hrs
<b>Memory</b>	Dynamic
<b>Operating System</b>	Microsoft® Windows® CE .NET 4.2
<b>Browser</b>	HTML 4.0, WAP 2.0
<b>Internal Display</b>	
Type	65K Active Color display
Size	176 x 220 pixels
Text area	34.8 x 43.6 mm active area
<b>External Display</b>	
Type	2 line black & white
Size	96 x 32 pixels
<b>Speakerphone</b>	7 volume levels for audio
<b>Earpiece</b>	7 volume levels for tone / voice plus vibrate -30dB attenuation from speaker to microphone
<b>Accessories</b>	Compatible with a full range of accessories including headsets, earbuds, batteries, and chargers
<b>Vocoders</b>	GSM : AMR, EFR Voice over IP : G.711, G.729

1 All talk and standby times are quoted assuming combined usage on the enterprise Wireless LAN and digital cellular mode and are approximate. Battery performance depends on network configurations, signal strength, operating temperature, features selected, and voice, data and other application usage patterns.

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**Enterprise Seamless Mobility >**

means communications your way:  
transparent, integrated, simple,  
smart, and cost-effective. We've  
taken an inside-out approach to  
telephony: empowering your key  
work groups with the ability to  
bring office communications  
capabilities with them where  
they need to do business.



**MOTOROLA**

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For further details, please visit: [www.motorola.com/wlan](http://www.motorola.com/wlan)