



# Gobi™ 1000\*\*

## The World Is your Hotspot™

Anytime-anywhere Internet access is the key to increasing productivity in today's truly mobile workforce. Gobi is the built-in notebook technology from Qualcomm that delivers fast and secure connectivity wherever business takes you. With Gobi, if you can use your mobile phone, you can use the Internet. It's mobile Internet. It's that simple.

## One Device. Multiple Carriers

Today, organizations must select the 3G technology network their employees will access before they procure notebooks with built-in mobile Internet. Gobi makes it possible to procure and support ONE wireless device that works on multiple wireless networks. With Gobi, IT departments have the flexibility to deploy a single notebook model for all regions. This single Gobi SKU reduces IT support and qualification costs since there is no longer a need to manage geo-specific notebook models. Which network do your employees need to access? EV-DO? HSPA? Answer: Both.

## Connection without Hassle

With notebooks featuring multimode Gobi technology, employees can take advantage of the high-speed data access services offered by leading 3G network carriers around the world. Because Gobi is built in, there is no longer the need to carry and support several external cards. Transparent global connectivity increases productivity for your employees while reducing support and asset management costs for IT.

Sign up to receive updated Gobi information at [www.GobiAnywhere.com](http://www.GobiAnywhere.com)

## Global Connectivity

Gobi supports major RF bands around the world and GPS—all with one chipset.

RADIO**	SUPPORT
EV-DO/EV-DO Rev. A 800MHz*	✓
EV-DO/EV-DO Rev. A 1900 MHz*	✓
HSDPA/HSUPA 850MHz*	✓
HSDPA/HSUPA 1900MHz*	✓
HSDPA/HSUPA 2100MHz*	✓
GSM/GPRS/EDGE 850MHz	✓
GSM/GPRS/EDGE 900MHz	✓
GSM/GPRS/EDGE 1800MHz	✓
GSM/GPRS/EDGE 1900MHz	✓
Standalone GPS (Simultaneous)	✓

This chart displays bands currently supported.

\* With receive diversity.

\*\* HMA-enabled.



\* NOT ACTUAL SIZE



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## Technical Specifications



### Technology/Bands

- Tri-band HSPA/UMTS – 850/1900/2100 MHz
- Quad-band EDGE/GPRS/GSM – 850/900/1800/1900 MHz
- Dual-band EV-DO/CDMA – 800/1900 MHz

### Advanced RF Technologies

- Receive Diversity on all HSPA/UMTS/EV-DO/CDMA bands
- Receive equalization
- Standalone GPS

### Data Speeds

- HSDPA/HSUPA DL/UL – 7.2 Mbps/2.0 Mbps
- WCDMA DL/UL – 384 kbps/384 kbps
- GSM DL/UL – 14.4 kbps/14.4 kbps
- GPRS DL/UL – 80 kbps/40 kbps
- EDGE DL/UL – 236.8 kbps/118.4 kbps
- EV-DO FL/RL – 3.1 Mbps/1.8 Mbps
- CDMA 1xRTT FL/RL – 153 kbps/153 kbps

### Power Class

- HSPA/WCDMA 850/1900/2100 Mhz – Power Class 3
- GSM/GPRS 850/900 Mhz – Power Class 4
- GSM/GPRS 1800/1900 Mhz – Power Class 1
- EDGE 850/900/1800/1900 Mhz – Power Class E2

### Dimensions and Weight

- PCI Express Mini Card Form Factor – Version 1.2 Type F1 (Full Sized) Mini Card
- Dimensions: 51 mm x 30 mm x 5 mm
- Weight: 11.5 g

### Host Interface

- PCI Express Mini card Standard Interface
- USB 2.0 High Speed
- 52-pin edge connector
- LED drive
- Antenna – 50 ohm nominal impedance
- UICC compliant to GSM TS11.11, GSM 11.12 and ISO/IEC 7816-3 standards

### Module Firmware Images

- CDMA2000 EV-DO binary firmware images
- HSPA/UMTS/GSM/GPRS/EDGE binary firmware images
- Digitally signed image authenticated at boot
- HMA-enabled

### APIs and SDKs

- Sample connection manager
- Qualcomm downloader (QDL) binary application
- CM-API binary library
- AT command interface
- NDIS driver support
- Documentation

*Subject to a disclaimer\**

### STANDARDS/APPROVALS/CERTIFICATIONS

- 3GPP Release 99 (full)/Release 4 (partial) for GSM/GPRS/EDGE
- 3GPP Release 6 for WCDMA/HSDPA/HSUPA
- IS-856 Release A for CDMA 1xEV-DO
- IS-2000 for CDMA 1xRTT
- IS-707-A Data
- IS-637-A SMS
- IS-683-A Service provisioning
- gpsOne™
- GCF, PTCRB, CDG Stage 1, 2, 3
- IS-98 CDMA2000 Minimum Performance
- IS-866 CDMA 1xEV-DO Minimum Performance
- Microsoft WHQL certification
- Operator compliance
- Infrastructure IOT compliance
- FCC type acceptance
- R&TTE Directive 1999/5/EC compliant
- RoHS Directive 2002/95/EC compliant
- WEEE Directive 2002/95/EC compliant
- Regulatory approval for 45+ countries (Complete list available upon request)

### OPERATING SYSTEMS SUPPORTED

- Windows® XP 32/64-bit
- Windows® Vista 32/64-bit
- Linux

### POWER CONSUMPTION

- Voltage: 3.3 V +/- 9%
- Idle & low power modes (USB selective suspend)
- USIM/SIM – Class B and Class C

### ENVIRONMENTAL AND POWER REQUIREMENTS

- Operating temperature: -30°C to +70°C
- Storage temperature : -55°C to +100°C
- Operating Vcc: 3.3 V +/- 9%

Are you ready? It's time to go.  
[www.GobiAnywhere.com](http://www.GobiAnywhere.com)



EV-DO | EV-DO Rev. A | HSUPA | HSDPA | GPRS | EDGE | GSM

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