

Sprint Mobile Broadband

Peter Hirsch

USB Modem

- Compass 597 made by Sierra Wireless
- Interfaces with Sprint cell phone grid
- Provides
 - Broadband Internet (Good)
 - GPS (Limited Capability)
 - Jump Drive Storage (Needs Smart Card)
- Manuals and Setup on USB modem
- Works wherever Sprint cell phones work
- Uses 3G Evolution-Data Optimized (EvDo), packet based grid



Download Speed
992 -1237 kbps
154.6 KB/sec

Upload speed
575 kbps
71.9 KB/sec

CNET.com - Internet Services - BandWidthMeter Results Page - Windows Internet Explorer

http://reviews.cnet.com/7009-7254_7-0.html?CType=5733&a

Google speedtest Search

Links: NYT, BB, Earthlink, Gmail, CNN, EPRI, CNET, GPS, CA-ISO, EarthPic, AstroPic

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Bandwidth meter

Bandwidth calculation is measured against that of CNET's Internet Services. Bandwidth may be higher or lower depending on Internet congestion. Calculated tests do not reflect server reliability and speed.

| Connection Type | Connection Speed | Faster Providers |
|-------------------------|---------------------|-------------------------------|
| 28.8 Kbps | Dial-up 28.8k | |
| 33.6 Kbps | Dial-up 33.6k | |
| 53.3 Kbps | Dial-up 56k | |
| 384.0 Kbps | DSL/Cable 384k | |
| 768.0 Kbps | ■ DSL/Cable 768k | |
| 992.9 Kbps - You | ■ 992.9 kbps | |
| 1500.0 Kbps | ■ Cable/DSL 1.5Mbps | Find ISP |
| 1544.0 Kbps | ■ Full T1 1.544Mbps | Covad |
| 3000.0 Kbps | ■ N x T1 3.0Mbps | Bandwidth.com |
| 6000.0 Kbps | ■ T3 6.0Mbps | Bandwidth.com |
| 15000.0 Kbps | ■ T3 45Mbps | Bandwidth.com |

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Cost

- Modem
 - \$59.95 (\$49.95 for IBMers)
- Monthly charge
 - \$59.95/month
(\$49.95/month for IBMers)
 - Unlimited use

Wi-Fi Hot Point

- ▶ USB modem is a Hot Point in any location
- ▶ Can also work with router to create a hotspot area in the house
 - Need a router that can work with the USB modem
 - For example **Cradlepoint MBR1000**
 - \$200.00
- ▶ Wi-Fi Compliant
 - IEEE 802.11n (draft), b,g Standards



Purchase USB Mobile Modem

▶ Directly from Sprint

- Best for IBM discount
- 866-869-6686, business center

▶ Dealers

- Moremobilenet.com
 - Lowest cost for non IBM discount
- 3Gstore.com
 - Also good prices for non-IBM discount

▶ Similar USB Modems and Prices also available from AT&T and Verizon Wireless

- ...but they have limitations, such as 3-5GB/Month
- ...or cheaper monthly charge \$40/month for limits, such as 50MB/day