

GSM/3G MARKET/TECHNOLOGY UPDATE

51 HSDPA DEVICES – August 8, 2006

GSA regularly surveys the availability of GSM/EDGE, and WCDMA-HSDPA networks and devices. This survey confirms 51 HSDPA devices from 17 suppliers are launched. In addition, several PC manufacturers launched HSDPA-enabled laptops, often in partnership with network operators.

Huawei E620 PCMCIA PC Card	GSM/EDGE 900/1800/1900 WCDMA-HSDPA 2100 Available early 06
Motorola D1100 PCMCIA PC Card	GSM/WCDMA-HSDPA & WLAN Available Q4 05
Novatel Wireless Merlin U730 PCMCIA PC Card	GSM/EDGE 850/900/1800/1900 WCDMA-HSDPA 850/1900 Available 2H 05
Novatel Wireless Merlin U740 PCMCIA PC Card	GSM/EDGE 850/900/1800/1900 WCDMA-HSDPA 2100 Available 2H 05
Novatel Wireless Merlin U870 PCMCIA PC Card	GSM/EDGE850/900/1800/1900/ WCDMA-HSDPA850/1900/2100
Novatel Wireless Merlin XU870 3G HSDPA 3.6/7.2Mbps ExpressCard	GSM/EDGE 850/900/1800/1900 WCDMA-HSDPA 850/1900/2100 Available Q3 06 S/W upgrade for 7.2 Mbps
Novatel Wireless Expedite EU730 PCI Express Mini Card	GSM/EDGE850/900/1800/1900 WCDMA-HSDPA 850/1900
Novatel Wireless Expedite EU740 PCI Express Mini Card	GSM/EDGE850/900/1800/1900 WCDMA-HSDPA 2100
Option GlobeTrotter GT Max PCMCIA PC Card	GSM/EDGE 850/900/1800/1900 WCDMA-HSDPA 850/1900/2100
Option GlobeTrotter Fusion+ HSDPA PCMCIA PC Card	GSM/EDGE 850/900/1800/1900 WCDMA-HSDPA 2100 & WLAN
Option GlobeTrotter HSDPA PCMCIA PC Card	GSM/EDGE 850/900/1800/1900 WCDMA-HSDPA 2100
Option GlobeTrotter HSDPA PCMCIA PC Card	GSM/EDGE 850/900/1800/1900 and WCDMA-HSDPA 850/1900
Option Globetrotter GT MAX 7.2 Ready HSDPA Data Card	GSM/EDGE 850/900/1800/1900 WCDMA-HSDPA 850/1900/2100 Field upgrade needed for 7.2 Mbps Available 2H 2006
Siemens DC10 PCMCIA PC Card	GSM/EDGE850/900/1800/1900 WCDMA-HSDPA 2100 Available 2H 05
Siemens DC16 PCMCIA PC Card	GSM/EDGE850/900/1800/1900 WCDMA-HSDPA 850/1900 Available 2H 05
Sierra Wireless AirCard 850 PCMCIA PC Card	GSM/EDGE 900/1800/1900 WCDMA-HSDPA 2100 Available 2H 05

Sierra Wireless AirCard 860 PCMCIA PC Card	GSM/EDGE 850/1900 WCDMA-HSDPA 1900 Now available
Sierra Wireless AirCard 875 PCMCIA PC Card	GSM/EDGE 850/900/1800/1900 WCDMA-HSDPA 850/1900/2100 Available Q3 2006
ZTE MF330 PCMCIA PC Card	GSM/EDGE 900/1800/1900 WCDMA-HSDPA 2100 Available 2006
Option Wireless GTM 351E PCI Express Mini Card	GSM/EDGE850/900/1800/1900 WCDMA-HSDPA 2100 Available 1H 06
Sierra Wireless 8755 PCI Express Mini Card	GSM/EDGE 850/900/1800/1900 WCDMA-HSDPA 2100 Available 2006
Sierra Wireless 8765 PCI Express Mini Card	GSM/EDGE 850/900/1800/1900 WCDMA-HSDPA 850/1900 Available 2006
Sierra Wireless MC8775 PCI Express Mini Card	GSM/EDGE 850/900/1800/1900 WCDMA-HSDPA 850/1900/2100 Available 2H 2006
Sierra Wireless MC8775V	For simultaneous voice & data 3.6 Mbps
FOMA M2501 High Speed Data Card	GSM/GPRS/WCDMA-HSDPA Announced by NTT DoCoMo May 11, 2006 - In development

ZadaCOM 3G+ USB Modem
GSM/EDGE 850/900/1800/1900
WCDMA-HSDPA 2100
USB connection – Shipping now



Huawei USB Modem E220
GSM/EDGE 900/1800/1900
WCDMA-HSDPA 2100
HSDPA data rate 3.6 Mbps
Mini USB connection



Option Globesurfer ICON
USB connector
GSM/EDGE 850/900/1800/1900
WCDMA-HSDPA 2100



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Option Globesurfer 3G HSDPA Broadband Wireless Router GSM/EDGE850/900/1800/1900 WCDMA-HSDPA 2100 WLAN	
Sarian HR 4110 HSDPA Router GSM/EDGE850/900/1800/1900 WCDMA-HSDPA 2100	
TOPEX Bytton HSDPA Router Supports GPRS, EDGE, UMTS, HSDPA, CDMA 1x and EV-DO, WLAN	

	BenQ-Siemens EF91 GSM 900/1800/1900 WCDMA-HSDPA 2100 Available Summer 2006
	LG KU730 GSM/EDGE 900/1800/1900/WCDMA-HSDPA2100
	LG CU500 GSM/EDGE850/900/1800/1900/WCDMA-HSDPA850-1900 Available now on Cingular Wireless
	Qtek S300 GSM/EDGE850/900/1800/1900/WCDMA-HSDPA850/1900/2100 Availability Q3 2006

	Qtek 9600 GSM/EDGE850/900/1800/1900 WCDMA-HSDPA 2100 WLAN Availability July 2006
	Samsung SGH-Z560 GSM/EDGE 900/1800/1900 WCDMA-HSDPA 2100 Available Q2 2006
	Samsung ZX20 GSM/EDGE 850/900/1800/1900 WCDMA-HSDPA 850/1900 Available Q2 2006
	Samsung SCH-W200 Available from May 16, 2006 in Korea
	LG SH-100 Available June 2006 in Korea
	FOMA™ N902iX High Speed NEC Announced May 11, 2006 by NTT DoCoMo HSDPA data rate 3.6 Mbps Availability July-September 06
	2 HSDPA phones on FOMA™ • Fujitsu • Motorola HSDPA data rate 3.6 Mbps Availability July-September 06
	HTC TyTN GSM/EDGE 850/900/1800/1900 WCDMA-HSDPA 850/1900/2100 W-LAN Shipping Now (may also appear as HTC Hermes, SPV M3100, T-Mobile MDA Vario II, and O2 Xda Trion)

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	Samsung SGH-ZV50 GSM/EDGE 900/1800/1900 WCDMA-HSDPA 2100 Shipping July 2006 on Vodafone
	LG-SGH100 GSM/EDGE 900/1800/1900 WCDMA-HSDPA 2100 Shipping date to be announced
	LG- KH 1000 GSM/EDGE 900/1800/1900 WCDMA-HSDPA 2100 Shipping date to be announced
	Motorola MOTORAZR xx GSM/EDGE 900/1800/1900 WCDMA-HSDPA 2100 HSDPA data rate 3.6 Mbps Available Q4 2006
	Motorola MOTORAZR maxx GSM/EDGE 900/1800/1900 WCDMA-HSDPA 2100 HSDPA data rate 3.6 Mbps Available Q4 2006
	Samsung SPH-W2100 1xEV-DO and HSDPA for Korea With T-DMB Available soon
	Dopod 838 Pro GSM/EDGE 850/900/1800/1900 WCDMA-HSDPA 850/1900/2100 W-LAN Available from 2 nd week of August 2006

Errors & omissions excepted
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Summary: HSDPA devices launched

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BenQ – Siemens	3
Dopod	1
Fujitsu	1
HTC (including Qtek brand)	3
Huawei	2
LG	5
Motorola	4
NEC	1
Novatel Wireless	6
NTT DoCoMo	1
Option	8
Samsung	5
Sarian	1
Sierra Wireless	7
Topex	1
Zadacom	1
ZTE	1
Total number of HSDPA-enabled devices launched (August 8, 2006)	51

HSDPA-enabled laptops/notebooks (not in the above total)



Vendor	Product	Networks
Acer	Travelmate 4260 3G	Vodafone
Acer	Aspire 5650 3G	Vodafone
Dell	Wireless 5505 (Option Wireless) in Latitude D820	Vodafone
Dialogue	Flybook V33iU	Italy, Netherlands
Fujitsu-Siemens	Lifbook Q2010	T-Mobile Austria
HP Compaq	NC 6400	Vodafone
Lenovo	Think Pad Z50, T60, X60	Cingular, Vodafone
Panasonic	Toughbook CF-18	Europe

“HSDPA-friendly” gateway product

Dovado WRG (Wireless Residential Gateway) in combination with a 3G/WCDMA-HSDPA PCMCIA PC card