



# Mobile Broadband Supported Devices List

MOBILE BROADBAND SUBSYSTEM 5.2.0.7

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## TWWA Support for iPass Applications

TWWA, the iPass Mobile Broadband Subsystem module, is used in both the Open Mobile and iPassConnect connection clients. The following table lists the versions of both Open Mobile and iPassConnect supported for recent releases of TWWA.

TWWA Version	Open Mobile Versions Supported	iPassConnect Versions Supported
<b>5.2.0.7</b>	2.0.1	--
<b>5.1.0.12</b>	--	3.55, 3.65, 3.66, 3.67, 3.70, 3.72, 3.74.1, 3.74.2
<b>5.0.0.20</b>	1.4.x	--
<b>4.12.0.4</b>	--	3.74.1, 3.74, 3.72, 3.66, 3.65, 3.62, 3.55, 3.51
<b>4.11.0.1</b>	--	<del>3.72, 3.70, 3.51</del>
<b>4.10.0.4</b>	--	<del>3.51.2, 3.67, 3.65</del>
<b>4.9.0</b>	1.2, 1.2.1, 1.3.0	--
<b>4.8.0.5</b>	--	<del>3.66, 3.62, 3.60, 3.55</del>
<b>4.6.0.11</b>	1.0.3	--

*In the table, a struck-through version number denotes that the version of TWWA is supported in later versions of the client application. The version number is maintained in the table for historical purposes.*

## Supported External Devices

The following table lists all external devices supported by the Mobile Broadband Subsystem.

- For each manufacturer, **Model** indicates the specific model supported.
- **Type**: Device form factor.
- **Tech**: Mobile Broadband technology type.
- **Network Operator**: Operator of the network on which the device was successfully tested.
- **Firmware**: Version number of tested firmware.
- **Driver**: Version number of tested driver.
- **HP**: If Y, the device supports 'hot plugout' (switching the device without rebooting the host system).
- **Win**: Windows support. By default, all devices are supported on Windows XP. In addition, a V indicates Windows Vista support, and a 7 indicates Windows 7 support. (Windows 2000 is no longer supported for any devices.)
- **TWWA**: Earliest version of TWWA to support the device.
- **ODF**: If Y, the device is supported by iPass Open Device Framework (ODF) integration.
- **SMS**: Y indicates that the device supports SMS (in Open Mobile only).
- **EOL**: If Y, the device model is at its End of Life from the manufacturer.

Model	Type	Tech	Network Operator	Firmware	Driver	HP	Win	TWWA	ODF	SMS	EOL
<b>Airprime</b>											
PC5220							V				
PC5220 v2							V				
<b>Audiovox</b>											
PC5750	PCMCIA	CDMA/EV-DO Rev A.	Sprint				V				
<b>Gtran</b>											
Dotsurfer							V				
<b>Huawei</b>											
E169	USB	HSUPA	Telecom Italia	11.314.13.01.192	2.0.3.8X.SP09		V				
E1750	USB	GSM	OBS France	11.124.05.04.112	2.0.3.822	Y	V, 7				
E1752	USB	GSM	OBS France	11.126.03.01.314	2.0.3.822	Y	V, 7	4.1.0.4			
E176	USB	HSPA/UMTS	Deutsche Telecom	11.104.14.01.55	2.0.3.8.SP13		V,7				
E180	USB	HSPA	H3 Sweden	11.104.16.00.21			V				
E180v2	USB	UMTS	Sing Tel – Optus	11.108.03.00.74.B409	2.88		V				
E1823	USB 2.0	HSPA+	T-Mobile	11.825.03.10.55	Ewusbmdm.sys –2.0.3.826		V,7	4.12.0.4			
E220 (Diag Mode)	USB		Tele2 in Sweden	11.117.09.01.56	2.0.3.8X SP09		V, 7				
E270 (Diag Mode)	USB	HSUPA	OBS (FR)	11.304.20.02.00	2.62 (2.0.3.8 SP09 version)		V				
E270	USB	HSUPA	OBS (FR)	11.304.20.04.00	2.62 (2.0.3.8 SP09 version)		V				

Model	Type	Tech	Network Operator	Firmware	Driver	HP	Win	TWWA	ODF	SMS	EOL
(Non-Diag Mode)											
E600	PCMCIA	HSDPA									
E618	PCMCIA	HSDPA	Vodafone-branded variant of the E600								
E620							V				
E870	Express	HSUPA	TMI (DE)	11.306.06.00.55	ewusbmdm.sys <2.0.3.8.SP05>		V,7				
E870	Express	HSUPA	OBS (FR)	11.304.20.02.00	2.0.3.8 SP09		V,7				
E870 (Diag Mode)	Express	HSUPA	TMI (DE)	11.306.06.00.55	ewusbmdm.sys, 2.0.3.8 SP09		V,7				
E870 (Diag Mode)	Express	HSUPA	Vodafone (UK)	11.306.06.00.55	ewusbmdm.sys <2.0.3.8.SP10>.		V,7				
E870 (Diag Mode)	Express	HSUPA	OBS (FR)	11.304.20.02.00	2.0.3.8 SP09		V,7				
E870 (Diag Mode)	Express	HSUPA	H3 Sweden	11.306.06.00.55			V,7				
E881 (Diag Mode)	ExpressCard	GSM	OBS France	11.201.01.05.314	2.0.3.822	Y	V,7				
E881 (Non Diag)	ExpressCard	GSM	OBS France	11.201.01.05.314	2.0.3.822	Y	V,7				
E1752	USB	GSM/GPRS	OBS France	11.126.03.01.314 (at+cgmr)	Ewusbmdm.sys <2.0.3.822>		V,7	4.10.0.3			
EC121	USB	CDMA	China Telecom	11.100.14.02.45	2.0.3.819	Y	V				
EC1260	USB	CDMA	China Telecom	11.002.04.00.45	2.0.3.819	Y	V				
EC169	USB	CDMA	China Telecom	11.002.03.01.45	2.0.3.819	Y	V				
EC321	PCMCIA	1xRTT	China Unicom				V				
EC325	USB	1xRTT	China Unicom				V				
K3765 HW	USB 2.0	HSDPA	Vodafone	11.126.03.06.00	NDIS: ewusbnet.sys – 1.0.2.904		V,7	4.12.0.4			
K4504	USB 2.0	HSDPA	Vodafone	11.818.02.01.11	NDIS: ewusbnet.sys – 1.0.2.904		V,7	4.12.0.4			
<b>KDDI</b>											
W03H	Compact Flash	CDMA 1x Win	KDDI (Japan)								
W01K	PCMCIA	CDMA 1x Win	KDDI (Japan), Kyocera				V				Y
W04K	PCMCIA	CDMA 1x Win	KDDI (Japan)	7.12.09			V				Y
<b>Kyocera</b>											
KPC650	PCMCIA						V				
W07K	Express/34	CDMA 1x Win	KDDI (Japan)		Modem.sys— 6.0.60000.16386	Y	V,7	4.12.0.4			
<b>Maxon Minimax</b>											
MM-5500U							V				
<b>NetIndex</b>											
D01NX	PCMCIA	HSDPA	E-Mobile	Ver1.00	"4.38.13.0(In Driver tab). modem.sys<6.0.6000.16386 (vista_rtm.061101-2250)>, nix_cm.sys<V4.38>, nix_cmnt.sys<V4.38>, nix_mdfl.sys<V4.38>, nix_mdm.sys<V4.38>."		V				

Model	Type	Tech	Network Operator	Firmware	Driver	HP	Win	TWWA	ODF	SMS	EOL
<b>NEC</b>											
N2502	PCMCIA	HSDPA	DoCoMo	V1.0	"n2502_fn.sys, 2.18.4.0 modem.sys, 6.0.6000.16386(vista_rtm.06 1101-2205)"		V				
<b>Novatel</b>											
	USB	CDMA/EV-DO Rev A.	Sprint				V,7				
760	USB	CDMA/EV-DO Rev A.	Verizon	Q6085BDRAGONFLY_V114[Aug 04 2008 18:00:00]	3.0.18.0	Y	V				
760	USB	CDMA/EV-DO Rev A.	Sprint	Q6085BDRAGONFLY_V114[Aug 04 2008 18:00:00]	3.0.18.0	Y	V,7				
EX720 (X720)	Express	CDMA/EV-DO Rev A.	Sprint				V				
MC727	USB	CDMA/EV-DO Rev A.	Sprint				V,7				
MC727	USB	CDMA/EV-DO Rev A.	Verizon				V,7				
MC950D	USB	GSM	iRoam, Canada	3.15.02.0-00	3.0.1.0	Y	V,7				
MC990D	USB		TMobile UK								
Ovation U727	USB	CDMA/EV-DO Rev A.	Sprint, Bell				V,7				
P720	PCMCIA	CDMA/EV-DO Rev A.	Bell Canada, Sprint				V				
S620							V				
S720	PCMCIA						V				
U520	PCMCIA						V				Y
U530	PCMCIA						V				Y
U630	PCMCIA						V				Y
U720 (Ovation MCD3000)	USB	CDMA/EV-DO Rev A.	Sprint				V				
U730				15.7-15.7-11[2006-02-1616:47:34]			V				Y
U740	Express						V				
V620	PCMCIA		Verizon	M6500 C-BBIRD_VZW_PCCARD-40306.156			V				
V740 (X720)	Express	CDMA/EV-DO Rev A.	Verizon				V,7				
X720 (Generic)	Express	CDMA/EV-DO Rev A.	Verizon				V,7				
XU870	Express	HSDPA/UM TS-GPRS		9.5.03.01-01[2006-09-29 15:10:3]			V				
<b>Option</b>											
3G+	PCMCIA			3.19.0Hd (Date: May 31 2006)			V,7				
Combo							V				
E3730	Express	GSM	Vodafone Germany	1.3.2.1Hd	5.0.03	Y	V				
Fusion	PCMCIA	HSDPA 7.2	OBS (FR)				V				
FusionQua d	PCMCIA		OBS (FR)				V				
GE 0301	Express	HSUPA	Vodafone	2.8.0Hd (Date: Oct 11 2007, Time:	3.3.1.3		V,7				

Model	Type	Tech	Network Operator	Firmware	Driver	HP	Win	TWWA	ODF	SMS	EOL
(Modem mode)			(UK)	10:20:29)							
Globe Trotter Express 442	Express	GSM	T-Mobile (DE)/ Vodafone	5.0.20.0 for Win7, 5.0.26.0 for XP/Vista	2.6.0.0Hd	Y	V,7				
GlobeSurfer iCON II 7.2 (GI0205-10907)	USB	HSDPA 7.2	OBS (FR)				V				
GlobeTrotter		HSUPA					V				
Globetrotter (GT) EXPRESS 7.2 (Model GE0201/0202)	Express	HSDPA 7.2	OBS (FR)	1.12.1Hd (Date: Feb 22 2007)			V				
GlobeTrotter (GX0301)	PCMCIA	HSUPA	T-Mobile (DE)	2.8.0AHd (Date : Nov 9 2007)			V,7				Y
Globetrotter HSDPA 7.2 (Model GT0201/0202)	PCMCIA			1.12.1Hd (Date: Feb 22 2007)			V				
GlobeTrotter HSUPA (GE0301)	Express	HSUPA	T-Mobile (DE)	2.8.0AHd (Date : Nov 9 2007)			V,7				
GT Max 7.2 Ready (GX0201)				1.12.1Hd (Date: Feb 22 2007)			V				Y
GT Max 7.2 Ready V2				2.5.11Hd (Date: Feb 11 2008)			V,7				Y
iCon 225	USB	HSUPA / UMTS / GPRS / EDGE / GSM	OBS (FR)	2.5.13 hd	4.0.0.18		V				
iCon 322	USB	GSM	AT & T	4.2.1	XP Gt51lp.sys <2.0.3.17> gtptser.sys <1.6.0.1> modem.sys<5.1.2600.3311(x psp.080211-1047) > Vista Gt51lp.sys <2.0.3.17> (This is from device details)gtptser.sys <1.6.0.1> modem.sys<6.0.6000.16386( vista_rtm.061101-2205) >	Y	V				
iCon 401	USB	HSUPA / UMTS / GPRS / EDGE / GSM		1.4.0.0Hd( Date : Jul 10 2008, Time : 0			V				
iCon 431	USB	GSM	T-Mobile UK	1.8.0.0Hd	5.0.12.0	Y	V,7				
iCon 451	USB	GSM	OBS (FR)	2.3.0.0Hd	XP gtuhsser.sys <1.6.0.1> and gtuhs51.sys<2.0.8.0>	Y	V,7				

Model	Type	Tech	Network Operator	Firmware	Driver	HP	Win	TWWA	ODF	SMS	EOL
					modem.sys<5.1.2600.3311(x psp.080211-1047) > Vista gtuhsser.sys <1.6.0.1> gtuhs51.sys<2.0.8.0> modem.sys<6.0.6000.16386(vista_rtm.061101-2205) >						
Vodafone Mobile Connect 3G							V				
Web'nWalk Express Card II (T-Mobile labeled device GE0201)	Express	HSDPA 7.2	T-Mobile (Netherlands)	1.12.1Hd (Date: Feb 22 2007)			V				
<b>Panasonic</b>											
Panasonic P2402							V				
<b>Pantech</b>											
Pantech PX500	USB	CDMA/EV-DO Rev A.	Sprint				V				
<b>Seiko</b>											
VC701SI							V				
<b>Sierra Wireless</b>											
312U	USB	DC-CDMA	Telstra	N1_1_1_7AP		Y	V,7	OMC 4.9		Y	
AC402	Express	CDMA/EV-DO Rev A.	Verizon	p2710701,58002[Mar11 2009 13:05:06]	2.1.12.0	Y	V,7				Y
AC402	Express	CDMA/EV-DO Rev A.	Sprint	p2710701,58002[Mar11 2009 13:05:06]	2.1.12.0	Y	V,7				
AC501	Express	GSM	Telstra	K1_0_2_13AP/K1_0_2_12BT	3G SDK Build 2077	Y	V				
AC503	Express	GSM	Telstra	M3_0_9_0AP	2.2.14.0	Y	V,7	4.10.0.4		Y	
AC555 (AC5555D)							V				Y (2005)
AC580	PCMCIA						V				Y
AC580 V2	PCMCIA						V				
AC595	PCMCIA	CDMA/EV-DO Rev A.	Verizon / Sprint				V,7				Y
AC595U	USB	CDMA/EV-DO Rev A.	Telecom (New Zealand)	P1906001			V				Y
AC597E	PCMCIA	CDMA/EV-DO Rev A.	Telecom (New Zealand)				V				Y
AC598	USB	CDMA/EV-DO Rev A.	Sprint & Verizon	p2505004, 58001 [Jan 27 2009 13:53:09] QCOM: SWI6085_FD.00.38 BOOT : SWI6085_PP.00.50.04 2009/01/27 16:01:37 APPL : SWI6085_PP.00.50.04 2009/01/27 16:01:37 USB: SWI6085_GENERIC.00.00 SW0C: CDPC_00007_01.02.02 USB VID: 0x1199 PID: 0x0025	2.1.11.1		V,7				
AC750							V				Y
AC775		EDGE					V				Y

Model	Type	Tech	Network Operator	Firmware	Driver	HP	Win	TWWA	ODF	SMS	EOL
AC850	PCMCIA						V				Y
AC860	PCMCIA						V				Y
AC875	PCMCIA	HSDPA 14.4	Telstra (Australia)	H2_0_7_1BACAP			V			Y	Y
AC875U	USB						V				Y
AC880	PCMCIA					Y	V				Y
AC880E	Express	HSDPA 14.4	Telstra (Australia)	F1_2_3_22AP		Y	V,7			Y	Y
AC880E+	Express	GSM	Telstra	K2_0_7_8BAP	3G SDK Build 2077	Y	V			Y	
AC880U	USB	HSDPA 14.4	Telstra (Australia)	F1_0_0_2AP C:/WS/F1_0_0_2AP		Y	V				Y
Compass 885	USB	MSM 7201A, UMTS with HSDPA, HSUPA	Telstra (Australia)	J1_0_1_6AP	Driver version <2.2.4.0>		V			Y	
Compass 885	USB	MSM 7201A, UMTS with HSDPA, HSUPA	T-Mobile (UK & NL)	J1_0_1_0AP C:/WS/FW/J1_0_1_0A		Y	V,7			Y	Y
Compass 888	USB	GSM	-	5.1.2600.5512		Y	V				
Compass 889	USB	GSM	T-Mobile UK	5.1.2600.5512		Y	V,7				Y
USB 306	USB	GSM	Telstra	M1_0_1_1AP; M2_0_11_5AP	swnc8ua3.sys 2.2.14.0 and swumxa3.sys 2.2.8.0	Y	V			Y	
USB 308	USB	GSM	Telstra	M2_0_11_10AP C:/WS/FW/M2_0_11_10AP/MDM8200/SRC/AMSS 2009/09/30 16:53:02; M3_0_9_0AP	2.2.14.0	Y	V,7	4.10.0.4		Y	
USB 309	USB	GSM	Telstra			Y	V,7			Y	
<b>Sony Ericsson</b>											
GC82							V				
GC83							V				
GC85							V				
GC89							V				
<b>UT Starcom</b>											
PLS5750	PCMCIA	CDMA/EV-DO Rev A.	Verizon	D0500GEM01_1.202			V				Y
<b>Verizon</b>											
U720 (Novatel MCD 3000)	USB	CDMA/EV-DO Rev A.	Verizon				V				
Audiovox PC5740		CDMA/EV-DO Rev O					V				
<b>Vodafone</b>											
Globetrotter							V				
<b>VTION</b>											
V1802e	PCMCIA		China Unicom	EM602R04	1.1.0.15						
V1806	PCMCIA	CDMA/1XRTT	China Unicom	SCMSV01.09			V				

Model	Type	Tech	Network Operator	Firmware	Driver	HP	Win	TWWA	ODF	SMS	EOL
V1880	Express	CDMA/1XRTT	China Telecom RUIM	SCMSR00.00.12	2.0.2.9		V				
<b>ZTE</b>											
110FU	USB	GSM		BD_IJJP673C1V1.0.0B04	1.2050.0.9	Y	V				
120FU	USB	GSM		BD_IJJP673C1V1.0.0B05				5.0.0.20		Y	
AC 560	USB	CDMA/EV-DO Rev A.	China Unicom	BD_CT_AC580_RNNN01NV1.0.0B06	5.2050.0.6	Y	V,7				
MF 332	PCMCIA	HSDPA 3.6Mbps	Telstra	T03 NLTELP663M2V1.0.3B07 1	1.2040.0.5			5.0.0.20		Y	
MF 633+	USB	GSM, HSDPA	Telstra	M01	1.2059.0.8			5.0.0.20		Y	
MF 636	USB	GSM, HSDPA	iRoam Canada, Telstra Turbo 7	BD_ROGERP673M2V1.0.0B03	1.2050.0.6	Y	V,7				Y

## Supported Embedded Devices

The following table lists all embedded devices supported by the Mobile Broadband Subsystem.

- For each manufacturer, **Model** indicates the specific model supported.
- **Laptop**: Laptop make and model in which the tested device was embedded.
- **Tech**: Mobile Broadband technology type.
- **Network Operator**: Operator of the network on which the device was successfully tested.
- **Firmware**: Version number of the firmware tested.
- **Driver**: Version number of the driver tested.
- **Win**: Windows support. By default, all devices are supported on Windows XP. In addition, a V indicates Windows Vista support, and a 7 indicates Windows 7 support. (Windows 2000 is no longer supported for any devices.)
- **TWWA**: Earliest version of TWWA to support the device.
- **Notes**: Comments as shown.

Model	Laptop	Tech	Network Operator	Firmware	Driver	Win	TWWA	Notes
<b>Dell</b>								
5530 (Dell branded Ericsson F3507G embedded module)	Dell E6400	GSM	T-Mobile, UK & NL	R1B/1 -- on Vista R1A034 – on XP SP3	4.48.1.9001	V		Device has no mechanical power switch; managed by software controls.
<b>Ericsson</b>								
F3507G	Lenovo: ThinkPad T500; T400; X200	HSPA	T-Online (DE)	R1A034; R1D06; R1B/1	4.47.9002.0; 4.50.6.0	V		
<b>Novatel</b>								
Expedite EU740 Minicard	Dell 5505	HSDPA	OBS (FR)			V		
Expedite EU860D MiniCard	Dell 630	HSDPA	AT&T	10.10.04.01-01[2007-04-01 14:07:19]		V		
Expedite EU870D MiniCard	Dell 630/640	HSDPA	OBS (FR)			V		
Novatel Expedite E725	Dell latitude 6400	CDMA/EV-DO Rev A.	Verizon	m6800A-RAPTOR_VZN-141[Apr 05 2007 14:00:00]	3.0.3.0			
<b>Option</b>								
GTM 382	Fujitsu Esprimo U9210	GSM	T-Mobile (DE)	1.4.1.1Hd	XP gtuhsser.sys <1.6.0.1> Modem.sys <5.1.2600.5512 (xpsp.080413-0852)> gtuhs51.sys <2.0.3.22>	V		Device has no mechanical power switch; managed by software controls.
<b>Qualcomm</b>								

GOBI 1000	HP Compaq 6735b Notebook	GSM/ CDMA		D1020-SUUAASFA-4352 1 [Apr 14 2008 18:00:00]	qcusbsrhp.sys < 6.0.5.1> modem.sys <6.0.6000.16386 (vista_rtm.061101-2205) qcusbnethp.sys<6.0.3.1>	V		
GOBI 2000		GSM/ CDMA	Network A - VZW; Network B - Sprint, and T- Mobile UK	0a040008	2.0.6.4	V,7		No 64-bit support .
<b>Sierra Wireless</b>								
MC8755	Fujitsu Lifebook E8210	HSDPA	AT&T, OBS (FR)			V		
MC8775	Lenovo T61	HSDPA	T-Mobile (DE)	H1_1_8_3MCAP C:/WS/FW/H1_1_8_3		V		
MC8780	Fujitsu Lifebook P7230	HSDPA	T-Mobile (DE)	F1-0-0-10AP C:/WS/FW/F1-0-0- 10AP/MSM7200		V		
MC8790	Fujitsu	GSM	T- Mobile (UK)	K1_1_1_9AP c:/WS/FW/K1_1_1_9AP/MSM62 90/SRC 2009/03/03 15:24:39	2.2.2.0	V,7		No 64-bit support.
Sierra MC8780 (Telstra branded)	Motion Computin g laptop model: LE1700 Motion		Telstra	F1_0_0_19AP	NDIS R2_2_2_0 USB MUX R2.2.4.0	V		VID/PID Information: for MC8780 – VID_1199&PID_683 2.

