

IpadMate100 Datasheet



>>| Product Introduction

iPad 3G Network Mate – IpadMate100 is one multi-function iPad cases product built-in portable 3G Wireless Router with Network Attached Storage(NAS) support.

The IpadMate100 iPad Case is the most functional case available for the thinner model of the iPad2. The iPad Case is adjustable to proper angle with its innovative Velcro design. It provides ability to access 3G USB dongles, USB storage devices and TF storage card for iPad over Wi-Fi.

The IpadMate100 can help iPad WiFi version access 3G connection;

The IpadMate100 can help iPad expand the storage capacity;

The IpadMate100 can execute function similar to “Camera Kit”;

The IpadMate100 can help iPad connect to cable Ethernet network.

>>| What can IpadMate100 do?

IpadMate100 is one device extends three frequently-used ports (USB Host, SD/TF Card, and Ethernet) for your apple’s device over wifi.

There are no one standard USB Host, SD/TF Card and Ethernet interface on your apple’s device, but sometimes we need connect some USB devices such as USB Mass storage disk, Digital camera, usb card reader and etc base your iPad UI, now iPadMate100 can help you read documents, video files, photos from those storage media on iPad device.

If you put one 16G/32G TF card into the IpadMate100’s TF slot, that mean your iPad’s storage capacity raise 16G/32G.



Maybe your iPad is one wifi version device, How to access internet in the place no public wifi AP signal casting? Now you can insert one USB 3G dongle into IpadMate100's USB Host, IpadMate100 will share the 3G bandwidth into wifi client, so your iPad can connect to internet yet.



When you live in one hotel for business travel, and found no wifi surfing on internet service but only cable Ethernet connection provided. iPad can not connect Ethernet Port, Now you can put the Ethernet cable in your room to iPadMate100's RJ45 port, so iPadMate100 can convert the cable connection to wifi connection, your iPad can surfing on internet over the Ethernet cable connection.

>>| iPadMate100 Features:

Part A: iPad Case

- Cover Sleep & Wake Function

- Special Velcro Guards
- Hand made with Genuine Leather
- Access to all ports and buttons at all times
- Access to both front and back cameras
- Adjustable to any angle securely
- Secure hand/wrist strap

The iPadMate100 not only is able to protect your iPad perfectly, but also can provide sharing of 3G network, Cable Access, and Movable network storage for your iPad. The iPadMate100 allows users to share a 3G mobile connection. By connecting one UMTS/HSPA/EVDO USB modem to the iPadMate100, a 3G to Wi-Fi hotspot is instantly established.

iPadMate100 built-in 3000mAh long-term lithium battery, it will last between 5 to 7 hours for iPad. Let you enjoy mobile access more time. With its portable design, it is integrated to take on the road. And it can be charged through a USB Cable connected to a laptop or adapter, allowing users to share a 3G mobile connection even when on the train, camping or at a construction site.

With the iPadMate100, you can enjoy play document, movie, music at the U disk that plugged in the iPadMate100's Port.

Part B: 3G Wireless Cellular Router

- Support USB 3G/3.75G modem card for surfing Internet
- Compatible with different 3G network, such as UMTS/HSPA/EVDO
- Connects all your Wi-Fi enabled devices by simply plugging in your activated USB data modem
- iPad case design, convenient enough to take anywhere
- Wifi standard backward compatible to IEEE 802.11b/g
- Wireless N speed up to 150Mbps
- Create instant Wi-Fi hotspots at home, hotel, office room, share DSL and cable access
- Build-in 3000mAh battery, last 5-7 hours running time
- Support WEP, WPA-PSK, WPA2-PSK encryption
- Support various WAN connection type, like dynamic IP, static IP, PPPoE connection types
- Build-in SAMBA server, Support data share-files, pictures and video in WLAN.
- USB equipment sharing - can share data store in digital camera, mobile hard disk, TF Card and U DISK
- Web Browser UI based interface for configuration and management: OS independent and easy to use

>>| Typical Application Diagram:

1. 3G - WiFi (Surfing Internet via 3G/3.75G)

With the iPadMate100, you can share the 3G internet connection with your family or friends anywhere 3G signal casting is available!



2. Cable – WiFi (Surfing Internet via xDSL Modem)

With the iPadMate100, you can enjoy cable access at home, hotel.



3. Storage + Wi-Fi (Share document on the mobile hard disk via Wi-Fi)



>>| Specifications:

HARDWARE	
Flash	8M
Memory	32M SDRAM
Interface	USB 2.0 Port for plugging in 3G modem or U disk Mini USB Port for power supply/charge Micro USB for RJ45 Port connection TF Card Port
Switch	Power Switch Reset Button
LEDs Status	CHG: Battery Level Indicator PWR: Power Status Wi-Fi: Wireless connection 3G: 3G network connect status
Battery	3.7V 3000mAh
Color	light blue, rose red, dark black
Dimension	229mm×50mm×10mm (3G Router Dimension) 246mm×220mm×28mm (iPad Case Dimension)

RF	
Standards	IEEE 802.11n(Draft 2.0), IEEE 802.11g, IEEE 802.11b
Frequency Band	2.400~2.4835GHz
Channel	1~11 (North America), 1~13 (Europe), 1~14 (Japan)
Modulation Technology	802.11b: DSSS (CCK, DQPSK, DBPSK) 802.11g/n: OFDM (BPSK, QPSK, 16QAM, 64QAM)
Wireless Speed	Up to 150Mbps
Wireless Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)

SOFTWARE	
Cable Access	WAN Connection Type: PPPoE, dynamic IP, static IP
DHCP	DHCP Server DHCP Client List Address Reservation
Security	Firewall, MAC filtering, Denial of Service(DoS)
Port Forwarding	Virtual Server, Port Triggering, DMZ
OS	Window 2000/XP/Vista/7, MAC OS, Linux, WinCE

Other	
Package Contents	iPad Cases (main body, 1 pcs) PP350 3G Wireless Router (1 pcs) USB Cable for charge Micro USB - RJ45 Cable Quick Start Guide Product Warranty Card
Environment	Operating temperature: 0°C ~ 40°C
	Operating Humidity: 10%~90% non-condensing

>>| 3G USB Dongle Modem Compatibility List

Network Type	Producer	Model	Interface
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WCDMA	Alcat	X060S	USB
		X200 / X200Y	USB
	BandLuxe	C270	USB
	HUAWEI	E153	USB
		E1550	USB
		E160	USB
		E169	USB
		E1750	USB
		E180	USB
		E220	USB
		E261	USB
	MOBIPEAK	MBPK-K80	USB
	NU	MU-Q101	USB
	Option	ICON 225	USB
		GTM378	USB
	ZTE	MF100	USB
		MF110	USB
		MF205	USB
		MF627	USB
		MF629	USB
MF633		USB	
ZD	ZD 3G	USB	
DT8-HT	DT8 HT	USB	
CDMA 2000	HUAWEI	EC122	USB
		EC1260	USB
		EC1261	USB
		EC1270	USB
		EC150	USB
		EC167	USB
	Vtion (E-Lins)	U1916	USB
	ZTE	AC2726	USB

		AC2746	USB
		AC2766	USB
		AC582	USB
		AC591	USB
TD-CDMA	DATANG	AirCard901	USB
	HUAWEI	ET127	USB
	PANDA	PT20	USB
	ZTE	MU301	USB