IDrive.One-XTB
Datasheet

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Version 1.0

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Introduction

IDrive.One-XTB device is a portable wireless storage device with a built-in 2.5" SATA hard disk drive with up to 3TB capacity. Jupiter supports USB3.0 for faster transfer speed with your PC or Mac®computer. You can then stream music, photos, movies and documents from iDrive WiFi to your iPad®, iPhone®, Android tablet or smartphone via its WiFi connection. You can also share versatile data on the Jupiter with your family and friends, with up to five concurrent connections from mobile devices such as iPad®, iPhone®, Android tablet or smartphone. Without the wired limitation, you can enjoy listening to music while travelling with iDrive WiFi in your backpack, share photo with your family by placing it at any house corner or lay back watching movies in the beach – with a range of up to 150ft you'll never feel tethered to your IDrive.One-XTB. Best of all, the iDrive WiFi can bridge the Internet connection to your existing wireless or wired router, so you may access the data in the storage while surfing the Internet simultaneously.

IDrive.One-XTB

Target Users/Markets

- **Mobile Device User**

iPhone®, iPad®, smartphone, tablet or notebook user may unleash from very limited storage capacity by throwing large files such as movies, music or powerpoint files to Jupiter.

- **Frequent Business Traveler**

Businessman may show customer the product datasheet, contract or quotation in Jupiter anytime in the coffee shop, meeting room or hotel.

- **Movies & Music Download Mania**

Have already downloaded hundreds or thousands of movies, music by BitTorrent at home but you can not enjoy watching or listening to them while you are outside? Jupiter is the solution for you.

- **Salesman**

Jupiter may save mobile sales person like insurance broker, realty broker from carrying bulky brochure or flyers.

- **Legacy USB External HDD Device Hater**

Just can not stand anymore to be tethered by USB cable whenever you need to transfer files

between your notebook and external HDD? Jupiter is the answer for you!

- **Small Enterprise Mobile NAS**

The critical and confidential business data should not be bound to the file server or NAS in your company. Jupiter allows you to have a backup of your important data which is portable with you.

- **Home Mobile NAS**

With Jupiter at home, you do not need to always turn on your notebook in order to share data with your family. Moreover, Jupiter can be your portable entertainment centre while your family go out for vacation.

Features

- **File and System Manager App**

Two way file transferring between Jupiter and your iPhone®, iPad®, smartphone, tablet or computer with Wi-Fi connectivity (802.11 b/g/n). Available iOS and Android mobile app with search utility function to find and locate specific data file.

- **Bridge to Internet Access**

Bypass your Internet access to your existing WiFi router, so you may access any data in the HDD while surfing the Internet simultaneously.

- **Share with Friends & Family**

Allow 5 maximum concurrent connections for sharing videos, audios, photos and data.

- **USB 3.0 Host for Data Sync** Build-in 2.5" internal hard disk drive and USB 3.0 port for faster transfer speed.

- **Easy to Configure and Operate**

Friendly user interface design with wizard guide to assure even the novice can get Jupiter start to operate in minutes.

Applications

- **Bridge to Internet Access**

Scenario 1 - If you got an existing WiFi router for Internet access

Wirelessly Bridge to Internet Access

Wired Bridge to Internet Access (via RJ45 Ethernet Port)

- **Connect to the USB Port**

Scenario 1 - Press power button on and then connect to USB port of notebook, Jupiter works solely as a WiFi HDD with power charge to extend usage time
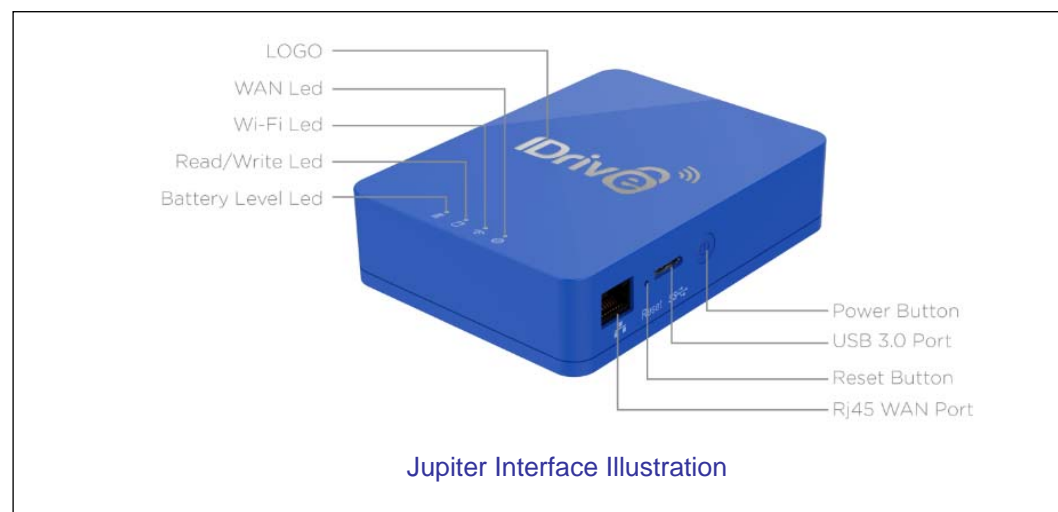

Works as an ordinary HDD only without stand

Hardware Specifications

CPU	Model	MTK MT7620A+MT7610E
	Frequency	MIPS24KEc 600MHZ
Flash	Capacity	SPI Flash16MB (128Mbit)
Memory	Capacity	DDRII 128MB (1Gbit)

WiFi	Standard	802.11 a/b/g/n/ac
	Frequency	2.4GHz / 5GHz
	Speed	733Mbps (300Mbps@2.4GHZ +433Mbps@5GHz)
QR Code	QR Code Tag, support the scan QR code and connect WiFi automatically	
LED	WiFi /interent LED (White) USB3.0/2.0 (White)	When the WiFi signal is turned on, the LED will be White. When interent is work, the LED will be White.
	Reset button	Reset to Factory Default Setting
USB JACK	Micro USB 3.0 Jack	When connecting to the dock, USB 3.0 jack is used for providing power to system. When connecting to the PC through cable, it will work as an external storage.
Hard disk drive	Supports SATA 2.5" HDD, 9.5mm, 12mm up to 15mm, up to 3TB in capacity Support SATA 2.5'' SSD.the same dimension as 2.5'' HDD.	
Power adapter	Input: 100-240V AC,50-60Hz/Max 0.35A,Output:DC **5V/2A**	
RJ45	1x WAN(100Mbps)	
Switch	**Short press**	
Environmental requirements	• Operating Temperature: 0°C to 40°C • Non-Operating Temperature: 0°C to 60°C • Operating Humidity: 5% to 90% (Non-condensing) • Non-operating Humidity: 5% ~ 90 % (Non-condensing)	
Product dimension		
Emission (EMI), Safety & Other Certifications	• FCC Class B	

Interface Illustration

Jupiter Interface Illustration

Software Specifications

System setting	Language selection	To select your native languages
	Firmware upgrade	Automatically upgrade firmware
	Factory default setting restore	To restore default system setting originated in factory production
File system	NTFS	Support Microsoft Windows NTFS file system
	FAT16/FAT32(USB)	Support Microsoft Windows FAT16/FAT32 file system
	exFAT(Optional)	Both support Microsoft and Mac® OS file system
	HFS+(Optional)	Support Mac® OS HFS+ file system
File Service	Samba service (CIFS protocol)	Provide shared services to files and printers for clients on Microsoft Windows Network /Unix-Like Network
	DLNA	Provide DLNA server(DMS)
HTTP Service	OS	A build-in browser which support common operation system such as Windows, Linux, Mac® OS and smart terminal for easy management
	WebDAV protocol	Makes the Web a readable and writable medium which allow users to edit and manage documents and files stored on World Wide Web servers
Remote	P2P tunnel	Support Apps to control Wi-Fi storage

Access(Optional)	connecting	device, manage files, download/upload file
Cloud Disk(Optional)	Dropbox	Support sync data between dropbox and Wi-Fi storage device
Apps(Optional)	Downloader	Support BT/Magnet/eMule/HTTP/xunlei download and remote control
Access Control	Password protection	A) Wi-Fi access control: • None • WPA-PSK Personal • WPA2-PSK Personal • WPA&WPA2-PSK Personal B) WEB access control A) Password login C) Samba access control B) Password login Default security: • Authentication needed with password 11111111 • No authentication Connecting Ways(Optional): QR Code authentication
HDD management	HDD display	
	HDD partition size and remaining space display	
Network Management	WAN side setting	• Static IP • Dynamic IP
	LAN side setting	• Local IP setting • Subnet mask setting • DHCP server setting • Default gateway setting • Default DNS setting
	2.4G Wi-Fi Setting	■ Wi-Fi mode setting ■ Wi-Fi basic setting ■ Wi-Fi security setting
	5G Wi-Fi Setting	A) Wi-Fi mode setting B) Wi-Fi basic setting C) Wi-Fi security setting
Application software	Client	A) Windows XP/2003/Vista/7, Linux, Unix, Mac® B) Android: tablet, smartphone C) iOS: iPad®, iPhone® D) WP: Window Phone

File Formats	iOS Client	A) Audio：Support formats of **MP3,AAC,m4a,wav,aiff** Video：Support formats of **AVI ,M4V,MKV,MP4,MPG,RMVB,RM, WMV,3GP,MOV,TS** B) Photo：Support formats of **jpg,tiff,bmp,png, gif(image)** C) Document：Support formats of **keynote,word,excel,ppt,pdf,txt**
	Android Client	A) Audio: Support formats of **MP3** only at present B) Video: **AVI ,M4V,MKV,MP4,MPG,RMVB,RM, WMV,3GP,MOV,TS** C) Photo: Support formats of **jpg,png** D) Document：Support formats of **txt,word,excel,ppt, pdf**

File & System Manager App

- Support remote access for controlling and documents accessing.
- The main interface have Media sort by video,photo,music and documents
- Support search function based on media type
- File management interface supports list / thumbnail view , support pictures and documents sharing
- Support copy/delete/create function and support local/Wi-Fi Storage data transmission in /between
- Playing music/video/photos by iPhone®, iPad® and tablet and smartphone (JPG, mp3, mp4, decoding ability more dependent on the system, file format depend on the player software installed on you device, Power7 suggest to use RockPlayer/Mobo Player on the Android and Oplayer/GoodPlayer on iOS).
- Support the operation of long-pressing the file to invoke the third-party player
- Support to play the photos by filmstrip mode and support background music playing
- Support video drag and play
- Support music artwork shows, circulation play set, drag operation
- Support email to send out pictures/documents
- Support network and device's parameters setting
- Transfer videos and photos from and to the iPhone®, iPad® to Jupiter
- Support DLNA/ Chromecast and Airsplay(iOS only) for pushing screen to TV.
- Support QR code scanning to connect wifi (Android only)
- Support feature of dropbox

System Requirements

- iPhone®, iPad®, smartphone, tablet or computer with Wi-Fi connectivity (802.11 b/g/n/ac)
- Mac® or PC computer running Windows8/ 7, Windows Vista, Windows XP or Mac OS® X 10.6.0 or later operating system for loading media on to Jupiter via USB

Client Tools

- **Computer Client Tool**
- Auto search and access the Jupiter on WLAN
- Supports Windows XP/2003Vista/7/8 and Mac® iOS operation system
- **Mobile Application Tool**
- A) Supports iOS (iPhone® and iPad®) and Android (smartphone and tablet)
- B) Stream audios and videos and view photos from the Jupiter

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This device complies with FCC SAR exposure limits set forth for an uncontrolled environment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution!

Any changes or modifications not expressly approved by the party responsible for compliance

could void the user's authority to operate the equipment.

Operations in the 5150 to 5250MHz band are restricted to indoor use only.