
SPECIFICATION

Model No.: 7H-B81 G6! L%\$

I. Applications:

This specification specifies electrical, physical, mechanical features and etc external environment requirements to this industrial USB3.0 10-Port hub with model# 0V00 ÖWÜÖËËÝ€.

II. Highlights:

- 10-Port Industrial USB 3.0 Hub with built-in 15KV ESD Protection;
- Over-current detection and protection circuit design;
- Supports 600W power input surge protection on each port;
- Wall and DIN rail-mount supported;

III. Environmental Specifications:

Operating Temperature	0°C—10°C	Storage Temperature	-20°C~10°C
Operating Humidity	5%—90%	Storage Humidity	10%—90%
Operating Altitude	-1000 to 10000 Ft	Atmosphere	70—106Mpa

IV. Features:

- ◆ Industrial grade rugged metal enclosure design
- ◆ Redundant 9VDC to 24VDC power input
- ◆ 15KV ESD USB interface protection
- ◆ Power input surge protection (600W) for each port
- ◆ Over-current detection and protection circuit design
- ◆ Wall and DIN rail mount support
- ◆ Supports UASP function (with Windows 8 native USB 3.0 Host driver only)

V. Specification:

- ◆ Chipset: VIA VL813 FIRMWARE: 9011
- ◆ Supports UASP function (with Windows 8 native USB 3.0 Host driver only)
- ◆ Compliant with Universal Serial Bus 3.0 Specification
- ◆ Maximum data transfer rate: 5Gbps
- ◆ Surge Protection: 600W (max)
- ◆ Metal housing with mounting mechanism
- ◆ LED Indicate Mode:

	Solid Light Green Color	Blinking Green Color	No Light
INSERT device	Y		
R/W	Y		
POWER ON	Y		

- ◆ Package Contents:

USB3.0 CABLE	1PC
DIN RAIL	1PC
WALL MOUNT KIT	1SET
SCREW PACK	1PACK

VI. Physical Specifications:

- ◆ Dimensions: 160*60*23.8 mm
- ◆ Net Weight: 306 g
- ◆ Color: Black;

VII. Benchmark Test:

- ◆ Test Environment

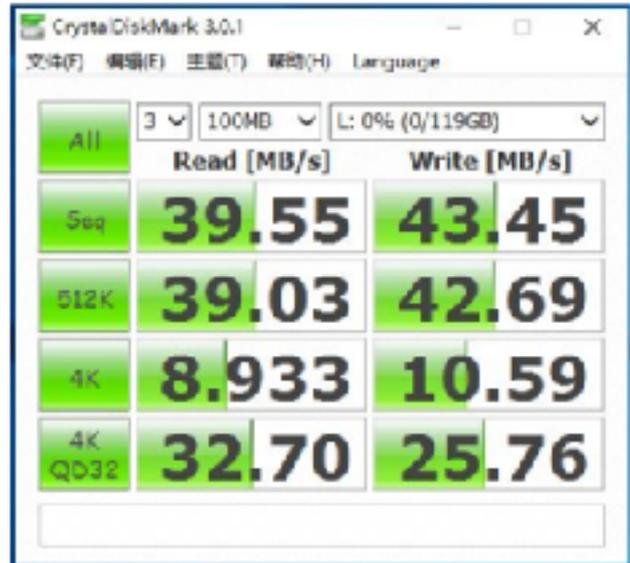
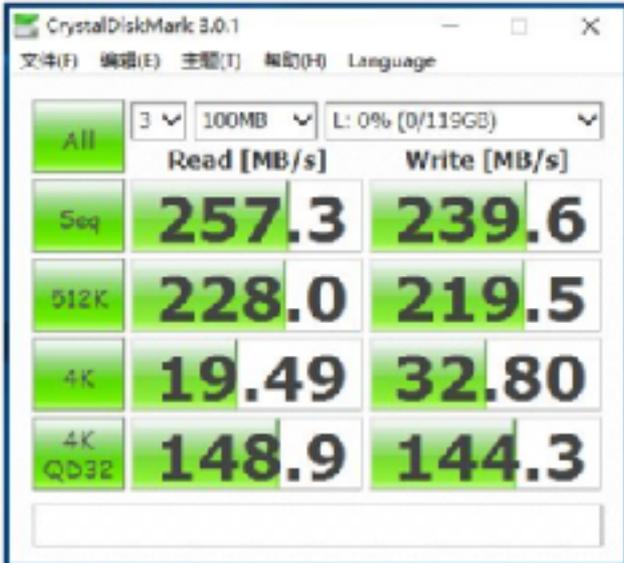
Item	Name	Specification	Item	Name	Specification
1	OS	WINDOWS10	2	CPU	Intel Core i5 6500
3	MB	GA-Z170X-Gaming3	4	DDR	8GB
5	Graphics	Integrated	6	USB3.0 HOST CARD	Mainboard Integrated

◆ Test Data

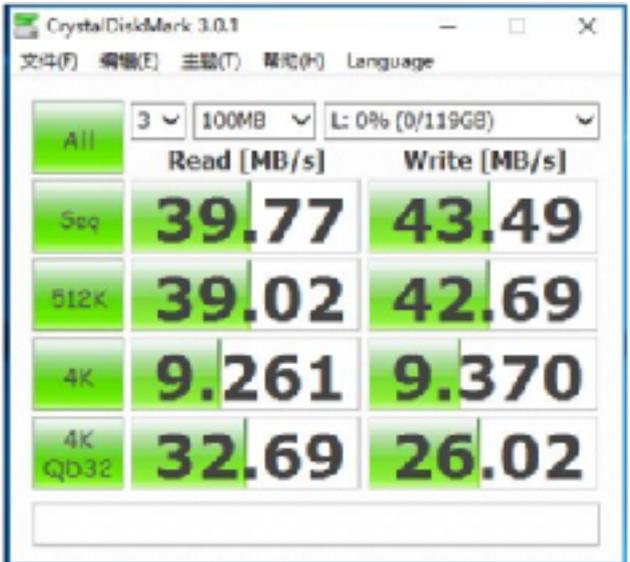
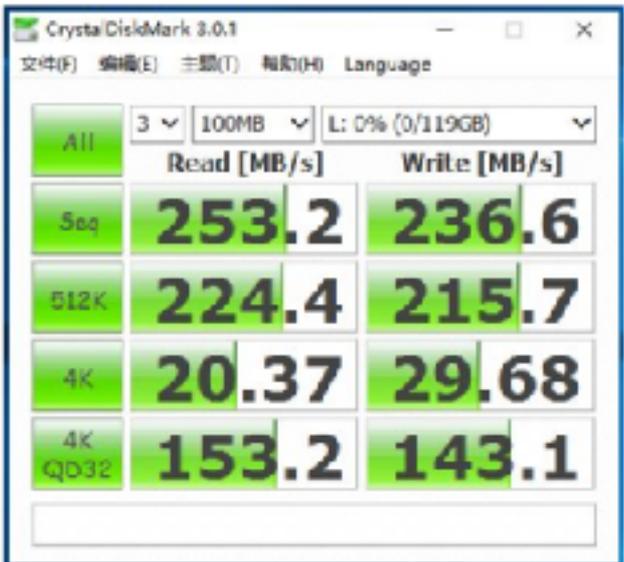
Testing Software	CrystalDiskMark3.0.1			
SAMSUNG850 PRO 128GB	PORT 1	USB2.0	READ: 39.55MB/S	WRITE: 43.45MB/S
		USB3.0	READ: 257.3MB/S	WRITE: 239.6MB/S
	PORT2	USB2.0	READ: 39.77MB/S	WRITE: 43.49MB/S
		USB3.0	READ: 253.2MB/S	WRITE: 236.6MB/S
	PORT3	USB2.0	READ: 39.56MB/S	WRITE: 43.49MB/S
		USB3.0	READ: 253.7MB/S	WRITE: 237.5MB/S
	PORT4	USB2.0	READ: 39.81MB/S	WRITE: 43.46MB/S
		USB3.0	READ: 254.9MB/S	WRITE: 237.5MB/S
	PORT5	USB2.0	READ: 38.71MB/S	WRITE: 43.51MB/S
		USB3.0	READ: 256.0MB/S	WRITE: 238.3MB/S
	PORT6	USB2.0	READ: 37.19MB/S	WRITE: 43.54MB/S
		USB3.0	READ: 253.6MB/S	WRITE: 237.8MB/S
	PORT7	USB2.0	READ: 39.80MB/S	WRITE: 43.53MB/S
		USB3.0	READ: 254.2MB/S	WRITE: 1237.6MB/S
	PORT8	USB2.0	READ: 41.84MB/S	WRITE: 43.53MB/S
		USB3.0	READ: 254.2MB/S	WRITE: 237.7MB/S
	PORT9	USB2.0	READ: 41.75MB/S	WRITE: 43.52MB/S
		USB3.0	READ: 255.6MB/S	WRITE: 238.8MB/S
	PORT10	USB2.0	READ: 41.75MB/S	WRITE: 43.50MB/S
		USB3.0	READ: 254.6MB/S	WRITE: 238.0MB/S
<p>Note: Above records are only for ref., test result will be different under different test environments or different HDDs.</p>				

VIII.Data Screenshots:

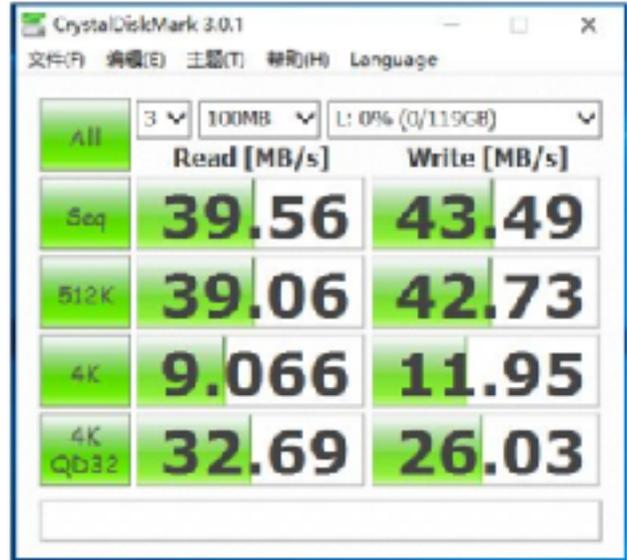
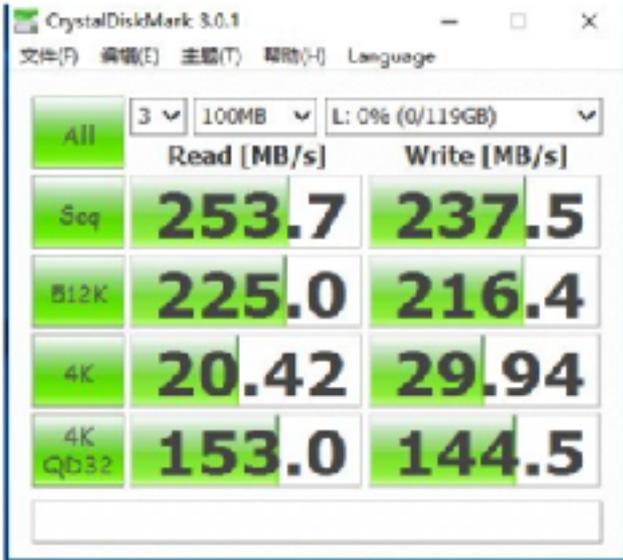
◆ Port 1_USB2.0/USB3.0 w/ 1TB 3.5" HDD Testing:



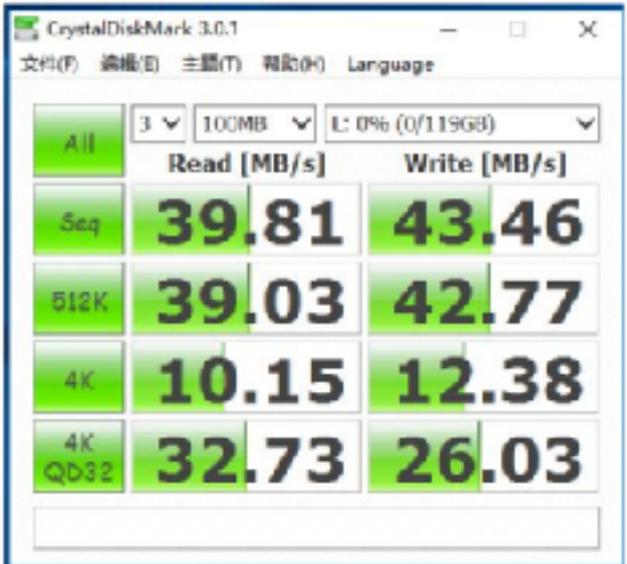
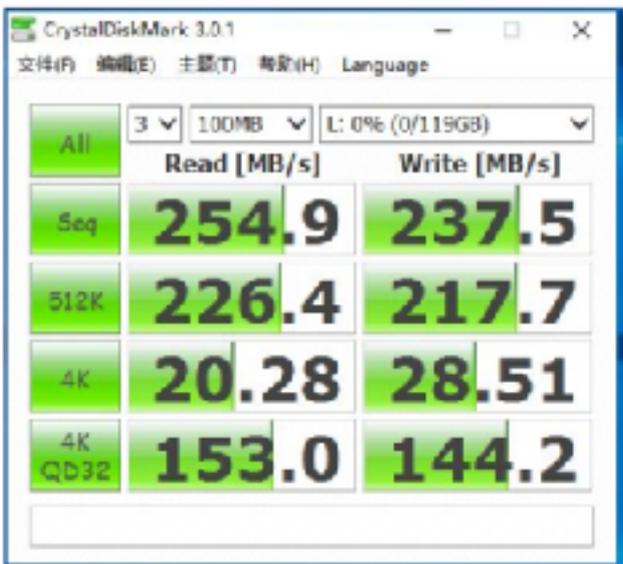
◆ Port 2_USB2.0/USB3.0 w/ 1TB 3.5" HDD Testing:



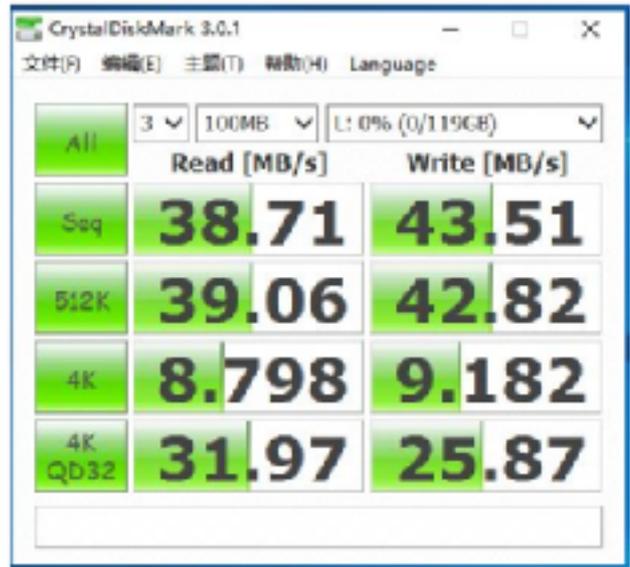
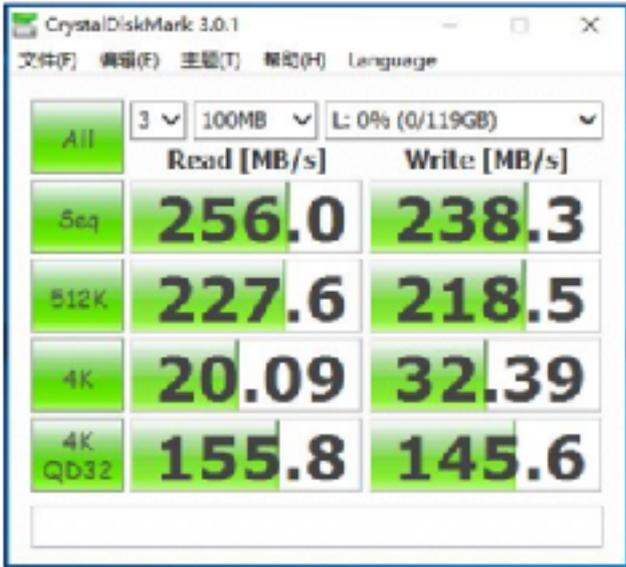
◆ Port 3_USB2.0/USB3.0 w/ 1TB 3.5" HDD Testing:



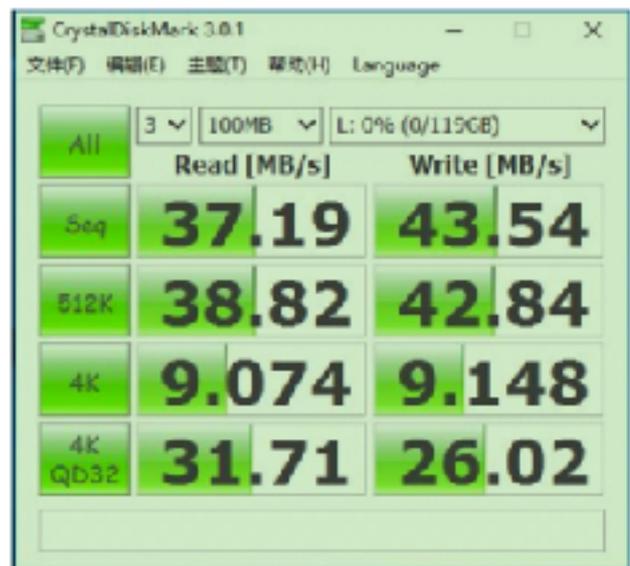
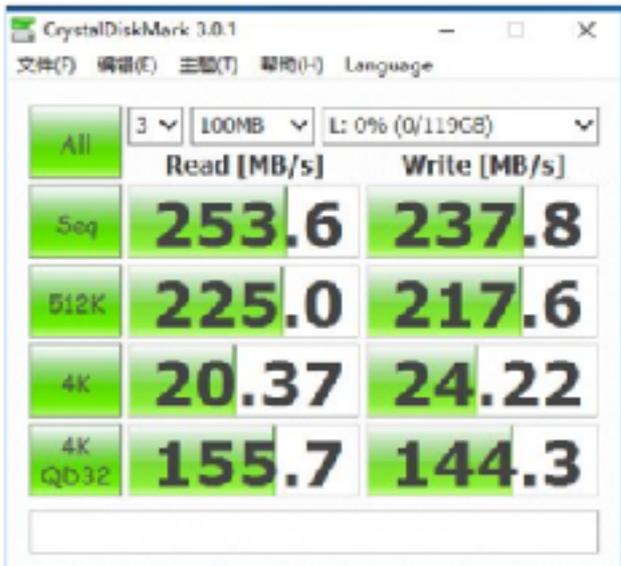
◆ Port 4_USB2.0/USB3.0 w/ 1TB 3.5" HDD Testing:



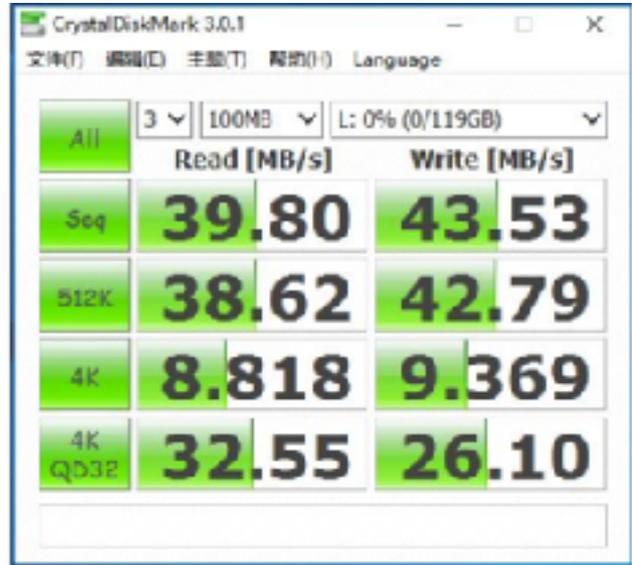
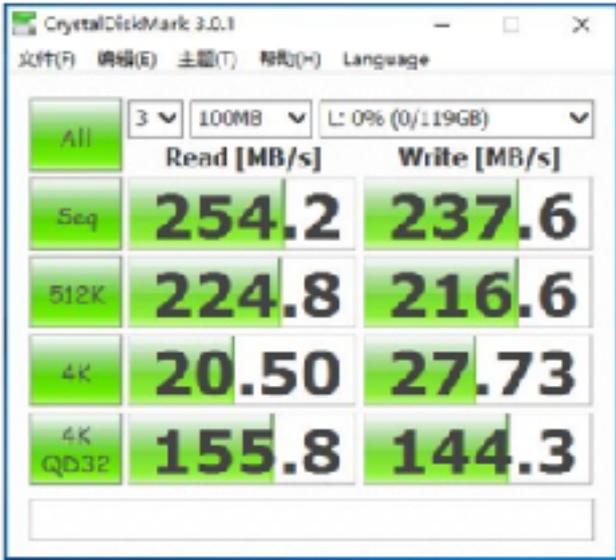
◆ Port 5_USB2.0/USB3.0 w/ 1TB 3.5" HDD Testing:



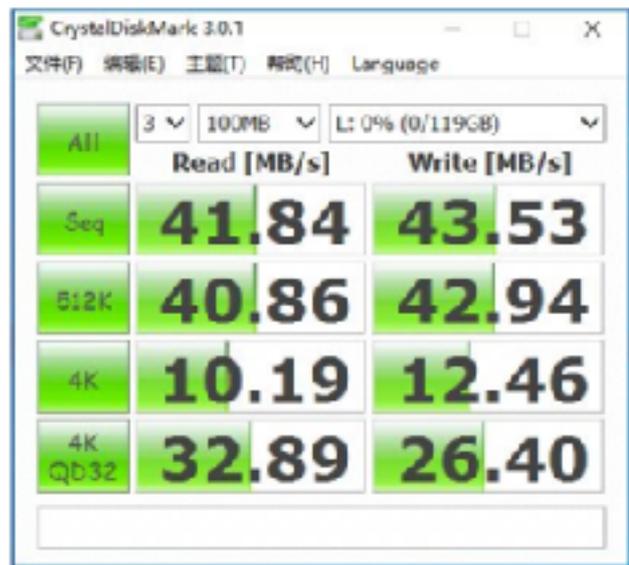
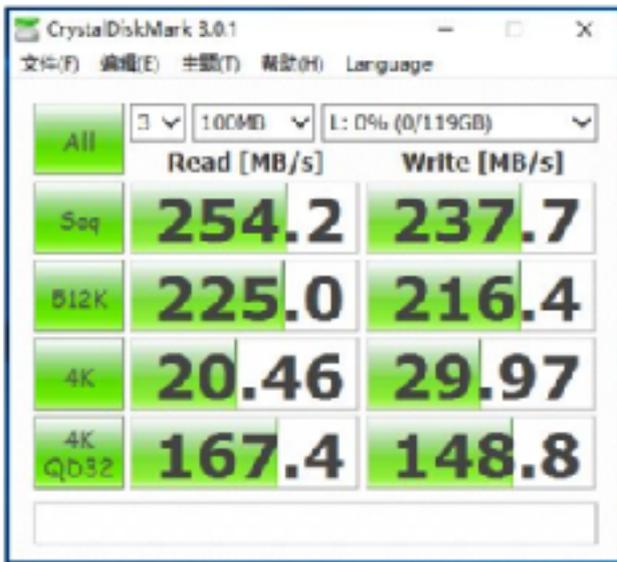
◆ Port 6_USB2.0/USB3.0 w/ 1TB 3.5" HDD Testing:



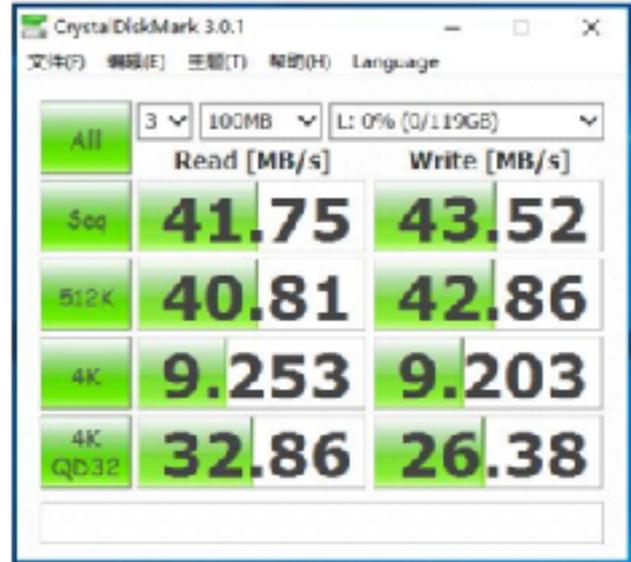
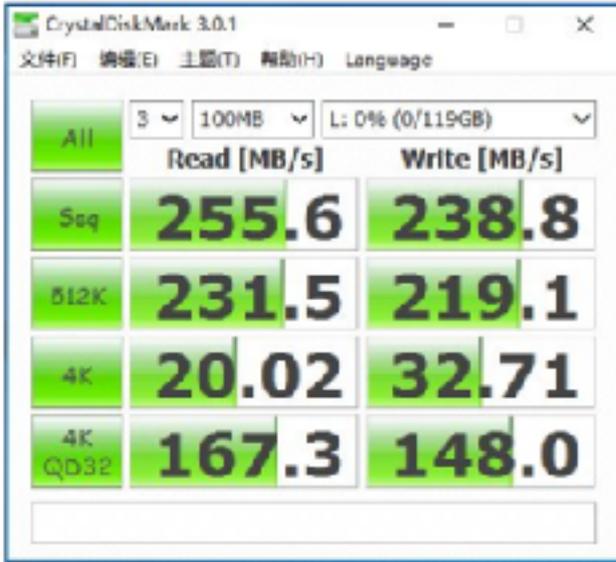
◆ Port 7_USB2.0/USB3.0 w/ 1TB 3.5" HDD Testing:



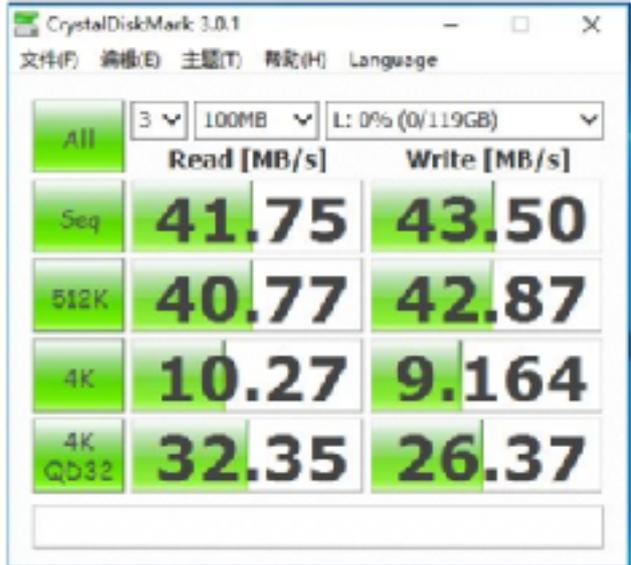
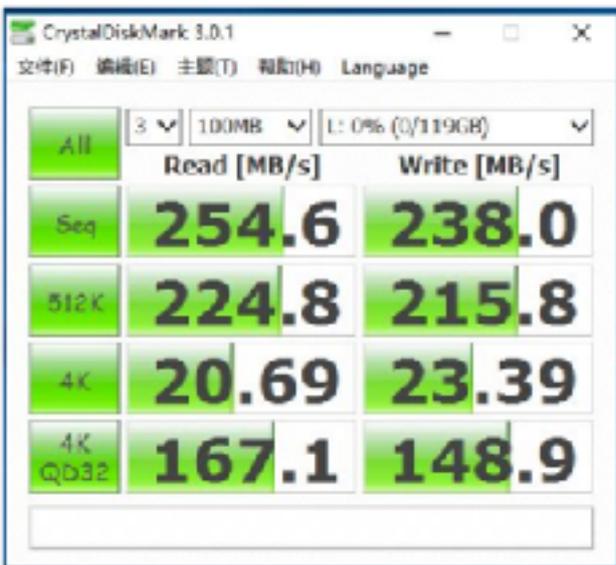
◆ Port 8_USB2.0/USB3.0 w/ 1TB 3.5" HDD Testing:



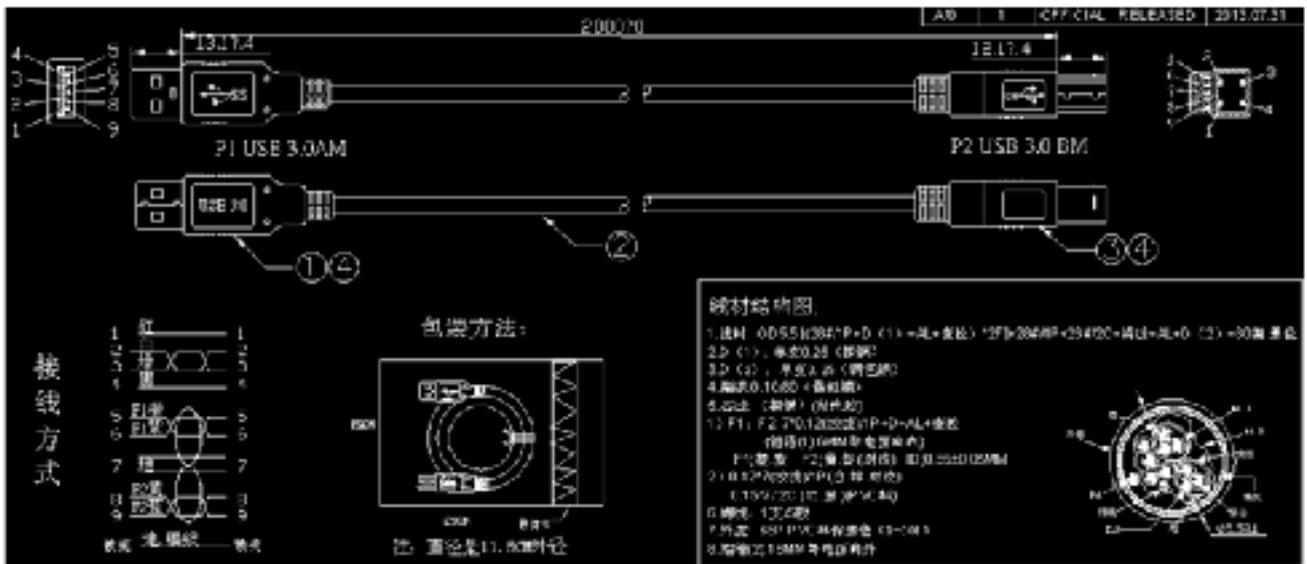
◆ Port 9_USB2.0/USB3.0 w/ 1TB 3.5" HDD Testing:



◆ Port 10_USB2.0/USB3.0 w/ 1TB 3.5" HDD Testing:



X. Cable Specification:



XI. Packing & Storage:

◆ Packaging: Brownbox

◆ Storage:

The unit should be stored in a clean, dry and ventilated circumstance, with temperature of -10°C ~ 50°C typically;

And it should be avoided to touch with the corrosive substance and should be away from excessive heat and open flames.

◆ Packing:

XII.Product Photo:

