RaidonTek

www.raidontek.com

Data Shuttle Innovator

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RaidonTek, is known as sturdy RAID storage developer, offers wide range of reliable products to enhance data protections and data storage volume increase with high speed data transmission for the name of "RAID" "ON" in the systems.

Ongoing with the principle of building trust across industries, our products are design, developed and manufactured locally in Taiwan to consolidate quality control with immediate reach, delivering products with stability and durability to uphold market reputation.

Core competitive value of RaidonTek consisted of dedicated senior engineers to carry the capability of firmware maintenance and to keep RaidonTek solutions meeting up-to-date market specifications, creating market strength for our worldwide partners.

Quality > **Trust** > **Service**

History

- **RAIDON** brand provides industrial computing system (IPC) with Inter RAID module for both form factor of 2.5" HDD/SSD 3.5" HDD

- **STARDOM** brand stand along 1,2,4 & 8 bays RAID subsystem with Thunderbolt, USB, eSATA & Firewire interface product line

2000 RaidonTek established
2001 Announced 8-bay & 12-bay SCSU to IDE subsystem
2002 Announced World's First 2-bay external Hardware RAID subsystem
2004 Announced World's First 2-bay eSATA to SATA external Hardware RAID subsystem
2006 Announced 1U 4-bay Rack mount Hardware RAID subsystem
2007 Announced NAS & iSCSI solution
2009 Announced World's First Internal 2-bay Hardware RAID module in 3.5" drive form factor
2011 Announced First 4-bay USB 3.1 Gen1 subsystem
2013 Announced 1-bay, 2-bay, 4-bay, 5-bay USB 3.1 Gen1 subsystem
2015 Announces First 4-bay Hardware RAID Thunderbolt 2 subsystem
2017 Announced First 8-bay Hardware RAID Thunderbolt™ 3 subsystem
2019 Announced World's First USB 3.1 Gen2 subsystem with PD & DP function

RAIDON & STARDOM brands are affiliated to RaidonTek

RAIDON
TECHNOLOGY, INC.

**Professional External RAID Box &
Internal RAID Module Solutions**

Sales Channel

RaidonTek

Customer Application

- Distributor
- Reseller
- Retail Store
- System Integrator
- E-Commerce
- OEM / ODM

- Industrial / Medical
- Automation / SCADA
- DVR / IPC / Workstation
- PC Server / Mac
- Video / Photo / Audio
- Creator

RAIDON
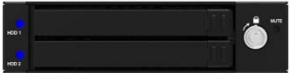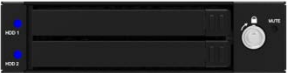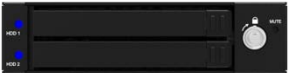
www.raidon.com.tw

Your Data Guardian

Internal RAID Module for 7/24 Operating System

Form Factor 2 x CD-ROM (2U)				
Model No.	**iR2622**	**iR2623**	**SR2611+**	**iR2631-S2**
Host Interface	SATA III (6Gbps)	SATA III (6Gbps)	SATA III (6Gbps)	SATA II (3Gbps)
RAID Level	RAID 0, 1	RAID 0, 1	RAID 0, 1	RAID 0, 1, 5, JBOD, Big
RAID Chipset	WM6182A	WM6182A	WM6182A	JMB394
Compatible Drive	2 x 3.5"/2.5" SATA Drive	2 x 3.5"/2.5" SATA Drive 1 x 2.5" SATA Drive	2 x 3.5"/2.5" SATA Drive	3 x 3.5"/2.5" SATA Drive
Support GUI	Yes, Windows Only	Yes, Windows Only	Yes, Windows Only	Yes, Windows Only
LCD Monitor	Yes	Yes	Yes	N/A
LED Indicator	Yes	Yes	Yes	Yes
Alarm	Yes	Yes	Yes	Yes
Cooling Fan	1 x 6cm Low Noise Fan	1 x 6cm Low Noise Fan	1 x 6cm Low Noise Fan	1 x 6cm Low Noise Fan
Power Supply	1 x SATA 15-pin Connector 1 x Big 4-pin Connector	1 x SATA 15-pin Connector 1 x Big 4-pin Connector	1 x SATA 15-pin Connector 1 x Big 4-pin Connector	1 x SATA 15-pin Connector 1 x Big 4-pin Connector
RS232 Port	Yes	Yes	Yes	N/A

Form Factor 1 x CD-ROM (1U)					
Model No.	**iR2022**	**iR4300-S2**	**iT4300-S3**	**iT4300-U6**	**iT4300-U5**
Host Interface	SATA III (6Gbps)	SATA II (3Gbps)	SAS 12G (SFF-8643)	SAS 12G (SFF-8643)	SAS 12G (SFF-8643)
RAID Level	RAID 0, 1	RAID 0, 3, 5, 10, JBOD, Clone	N/A	N/A	N/A
RAID Chipset	WM6182A	JMB394	N/A	N/A	N/A
Compatible Drive	2 x 2.5" SATA Drive	4 x 2.5" SATA Drive	4 x 2.5" SATA Drive	4 x 2.5" SAS/SATA Drive	4 x 2.5" SAS/SATA Drive
Support GUI	Yes, Windows Only	N/A	N/A	N/A	N/A
LCD Monitor	Yes	N/A	N/A	N/A	N/A
LED Indicator	Yes	Yes	Yes	Yes	Yes
Alarm	Yes	Yes	Yes	Yes	Yes
Cooling Fan	1 x 4cm Low Noise Fan	1 x 4cm Low Noise Fan	1 x 4cm Low Noise Fan	1 x 4cm Low Noise Fan	1 x 4cm Low Noise Fan
Power Supply	1 x SATA 15-pin Connector	1 x SATA 15-pin Connector	1 x SATA 15-pin Connector	1 x SATA 15-pin Connector	1 x SATA 15-pin Connector
RS232 Port	Yes	N/A	N/A	N/A	N/A

RAIDON

Form Factor 1 x 3.5" Drive					
Model No.	**iR2771**	**iR2772**	**iR2770**	**iT2771**	**ST2760**
Host Interface	SATA III (6Gbps)	SATA III (6Gbps)	SATA III (6Gbps)	SATA III (6Gbps)	SATA III (6Gbps)
RAID Level	RAID 0, 1	RAID 0, 1	RAID 0, 1	N/A	N/A
RAID Chipset	WM6182A	WM6182A	WM6182A	N/A	N/A
Compatible Drive	2 x 2.5" SATA Drive	2 x 2.5" SATA Drive	2 x 2.5" SATA Drive	2 x 2.5" SATA Drive	2 x 2.5" SATA Drive
Support GUI	Yes, Windows Only	Yes, Windows Only	Yes, Windows Only	N/A	N/A
LCD Monitor	N/A	N/A	N/A	N/A	N/A
LED Indicator	Yes	Yes	Yes	Yes	Yes
Alarm	Yes	Yes	Yes	Yes	Yes
Cooling Fan	N/A	N/A	N/A	N/A	N/A
Power Supply	1 x SATA 15-pin Connector	1 x SATA 15-pin Connector	1 x SATA 15-pin Connector	1 x SATA 15-pin Connector	1 x SATA 15-pin Connector
RS232 Port	N/A	Yes	N/A	N/A	N/A

RAIDON
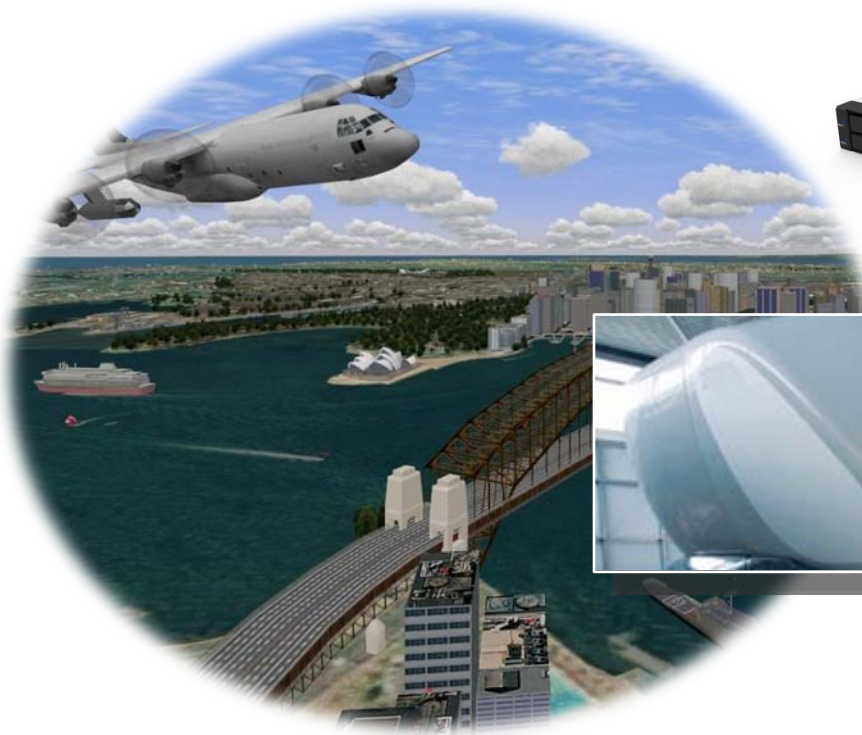
iR277x

Cost-effectively expands capacity and speed for SSD.

Reference :

Huge accessing is known to run 3D simulations, and the performance of SSD has became a helpful role in it, however, the capacity and the cost of SSD still is not quite balanced just yet, thus, iR277x has commonly adopted in this business sector for merging two SSDs into a larger capacity while gaining a higher speed for rendering.

iR2022

## Keeps automated production lines efficient.

Reference :

In 24-hour product lines of world-renowned company integrated iR2022 into their robotic systems to avoid malfunctioning from hard disk failures and to prevent the causes of interruption of production line. iR2022 secures the system continuously for 24/7 operation and efficiently reduces the possible losses from interruption of the production line.

iR2622

RAID 1 mirroring for instant protection.
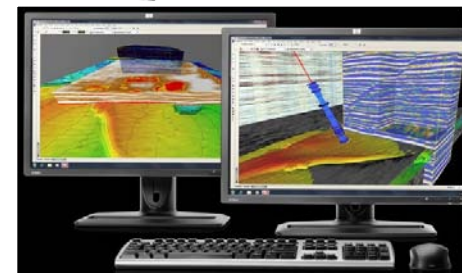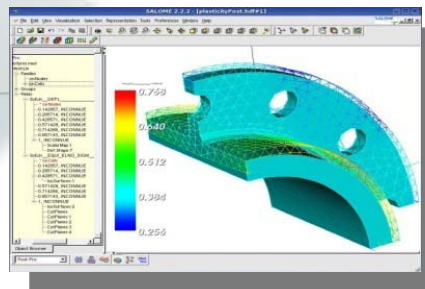
Reference :

John is a designer and owns many hard drives with massive data which are the important results of his work. He used to schedule with backup software for his data, and from a friend's introduction, he started to use iR2622 on his workstation for an instant data protection while avoids unsynchronized files in backups so he won't spend extra spirit to verify data integrity and repetition, further, he can easily to make a redundant drive periodically via its rebuilding functionality. Now John has saved the unnecessary time loss for more of his works.

STARDOM

www.stardom.com.tw

The House of your Moving Data, Working Data, and Archiving Data

External Storage Solution for Video / Photo / Audio Creater

Thunderbolt™ 3 With 10G LAN	
Model No.	ST4-TL3+
Host Interface	2 x Thunderbolt™ 3 (40Gbps) 1 x Mini Display (DP 1.1a) 1 x RJ45 (10G/5G/2.5G/1G/100M)
RAID Level	RAID 0, 1, 10, JBOD
RAID Chipset	Marvell 88SE9230
LAN Chipset	Aquanita 107s
Compatible Drive	4 x 3.5"/2.5" SATA Drive
Support GUI	Yes
LED Indicator	Yes
Alarm	Yes
Cooling Fan	1 x 9cm Low Noise Fan
Power Supply	150W Internal PSU
Support O.S.	Windows & macOS

Thunderbolt™ 3 SSD		
Model No.	PD01-TB3+	PD01-TB3
Host Interface	1 x Thunderbolt™ 3 (40Gbps)	1 x Thunderbolt™ 3 (40Gbps)
Flash	3D NAND	3D NAND
Capacity	1TB	1TB
Bandwidth	PCIe Gen3 x4	PCIe Gen3 x2
Compatible Drive	1 x M.2(PCIe) NVMe SSD	1 x M.2(PCIe) NVMe SSD
LED Indicator	Yes	Yes
Power Supply	Thunderbolt™ 3 Bus-powered	Thunderbolt™ 3 Bus-powered
Support O.S.	Windows & macOS	Windows & macOS
Dimension (mm)	48 (W) x 14.4 (H) x 102 (D)	48 (W) x 14.4 (H) x 102 (D)

Thunderbolt™ 3 (8-Bay)				
Model No.	**DR8-TB3**	**DR8M-TB3**	**SR8-TB3**	**ST8-TB3**
Host Interface	2 x Thunderbolt™ 3 (40Gbps) 1 x Mini Display (DP 1.1a)	2 x Thunderbolt™ 3 (40Gbps) 1 x Mini Display (DP 1.1a)	2 x Thunderbolt™ 3 (40Gbps) 1 x Mini Display (DP 1.1a)	2 x Thunderbolt™ 3 (40Gbps) 1 x Mini Display (DP 1.1a)
RAID Level	RAID 0, 1, 5, 6, 10, 50, 60, JBOD	RAID 0, 1, 5, 6, 10, 50, 60, JBOD	RAID 0, 1, 5, 6, 10, 50, 60, JBOD	RAID 0, 1, 10, JBOD
RAID Chipset	Marvell 88RC9580	Marvell 88RC9580	Marvell 88RC9580	Marvell 88SE9230
Compatible Drive	8 x 3.5"/2.5" SAS/SATA Drive	8 x 2.5" SAS/SATA Drive	8 x 3.5"/2.5" SAS/SATA Drive	8 x 3.5"/2.5" SATA Drive
Support GUI	Yes	Yes	Yes	Yes
LED Indicator	Yes	Yes	Yes	Yes
Alarm	Yes	Yes	Yes	Yes
Cooling Fan	2 x 8cm Low Noise Fan	2 x 4cm Low Noise Fan	2 x 8cm Low Noise Fan	2 x 8cm Low Noise Fan
Power Supply	Internal 300W PSU	Internal 250W PSU	Internal 300W PSU	Internal 300W PSU
Support O.S.	Windows & macOS	Windows & macOS	Windows & macOS	Windows & macOS

STARDOM
STORAGE SOLUTIONS
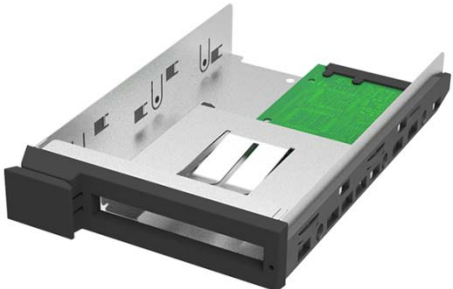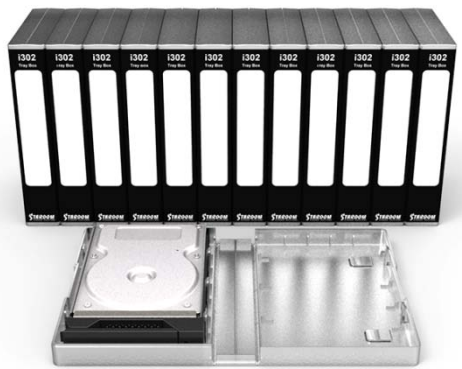
Thunderbolt™ 3 (4 & 2-Bay)				
Model No.	**SR4-TB3**	**ST4-TB3**	**DR2-TB3**	**ST2-TB3**
Host Interface	2 x Thunderbolt™ 3 (40Gbps) 1 x Mini Display (DP 1.1a)	2 x Thunderbolt™ 3 (40Gbps) 1 x Mini Display (DP 1.1a)	2 x Thunderbolt™ 3 (40Gbps) 1 x Mini Display (DP 1.1a)	2 x Thunderbolt™ 3 (40Gbps) 1 x Mini Display (DP 1.1a)
RAID Level	RAID 0, 1, 5, 10, JBOD	RAID 0, 1, 10, JBOD	RAID 0, 1, JBOD	RAID 0, 1, JBOD
RAID Chipset	Marvell 88RC9548	Marvell 88SE9230	ASM1062R	ASM1062R
Compatible Drive	4 x 3.5"/2.5" SAS/SATA Drive	4 x 3.5"/2.5" SATA Drive	2 x 3.5"/2.5" SATA Drive	1 x 3.5"/2.5" SATA Drive
Support GUI	Yes	Yes	N/A	N/A
LED Indicator	Yes	Yes	Yes	Yes
Alarm	Yes	Yes	Yes	Yes
Cooling Fan	1 x 8cm Low Noise Fan	1 x 9cm Low Noise Fan	1 x 4cm Low Noise Fan	1 x 4cm Low Noise Fan
Power Supply	Internal 180W PSU	Internal 150W PSU	Internal 180W PSU	96W Adapter
Support O.S.	Windows & macOS	Windows & macOS	Windows & macOS	Windows & macOS

USB 3.1 Gen2 With PD & DP	
Model No.	**i310-B31+**
Host Interface	1 x USB 3.1 Gen2 Type-C (10Gbps) 1 x Mini Display (DP 1.1a)
RAID Level	N/A
USB Power Delivery (Auto Switch)	24W (12V/2A), 18W (9V/2A), 15W (5V/3A)
Compatible Drive	1 x 3.5"/2.5" SATA Drive
LED Indicator	Yes
Cooling Fan	N/A
Power Supply	50W Adapter
Support O.S.	Windows / macOS

USB 3.1 Gen2 (1-bay ~ 3-bay)			
Model No.	DR3-B31	ST2-B31	i310-B31
Host Interface	1 x USB 3.1 Gen2 Type-C (10Gbps)	1 x USB 3.1 Gen2 Type-C (10Gbps)	1 x USB 3.1 Gen2 Type-C (10Gbps)
RAID Level	RAID 0, 1	RAID 0, 1, JBOD, Big	N/A
RAID Chipset	WM6182A	ASM1352R	N/A
Compatible Drive	2 x 2.5" SATA Drive 1 x 3.5"/2.5" SATA Drive	2 x 3.5"/2.5" SATA Drive	1 x 3.5"/2.5" SATA Drive
Support GUI	Yes	N/A	N/A
LED Indicator	Yes	Yes	Yes
Alarm	Yes	Yes	Yes
Cooling Fan	2 x 4cm Low Noise Fan	1 x 4cm Low Noise Fan	N/A
Power Supply	Internal 60W PSU	50W Adapter	50W Adapter
Support O.S.	Windows & macOS	Windows & macOS	Windows & macOS

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USB 3.1 Gen1 (1-bay ~ 5-bay)						
Model No.	**DR5-SB3/SB3F**	**SR4-SB3+**	**SR2-SB3+/SB3F+**	**ST2-SB3/SB3F**	**ST2-B3**	**i310-SB3/SB3F**
Host Interface	1 x USB 3.1 Gen1 (5Gbps) 1 x eSATA (6Gbps) 1 x Firewire800 (SB3F Only)	1 x USB 3.1 Gen1 (5Gbps) 1 x eSATA (3Gbps)	1 x USB 3.1 Gen1 (5Gbps) 1 x eSATA (6Gbps) 1 x Firewire800 (SB3F+ Only)	1 x USB 3.1 Gen1 (5Gbps) 1 x eSATA (6Gbps) 1 x Firewire800 (SB3F Only)	1 x USB 3.1 Gen1 (5Gbps)	1 x USB 3.1 Gen1 (5Gbps) 1 x eSATA (6Gbps) 1 x Firewire800 (SB3F Only)
RAID Level	RAID 0, 1, 3, 5, 10, JBOD, Clone, Large	RAID 0, 5, JBOD	RAID 0, 1	RAID 0, 1, JBOD	RAID 0, 1, JBOD	N/A
RAID Chipset	JMB394	JMB394	WM6182A	JMS562	JMS561	N/A
Compatible Drive	5 x 3.5"/2.5" SATA Drive	4 x 3.5"/2.5" SATA Drive	2 x 3.5"/2.5" SATA Drive	2 x 3.5"/2.5" SATA Drive	2 x 3.5"/2.5" SATA Drive	1 x 3.5"/2.5" SATA Drive
Support GUI	N/A	N/A	Yes, Windows Only	N/A	N/A	N/A
LCD Monitor	Yes	Yes	Yes	N/A	N/A	N/A
LED Indicator	Yes	Yes	Yes	Yes	Yes	Yes
Alarm	Yes	Yes	Yes	Yes	Yes	N/A
Cooling Fan	2 x 6cm Low Noise Fan	1 x 8cm Low Noise Fan	1 x 6cm Low Noise Fan	1 x 6cm Low Noise Fan	1 x 4cm Low Noise Fan	N/A
Power Supply	Internal 250W PSU	Internal 150W PSU	Internal 60W PSU	Internal 60W PSU	50W Adaptor	24W Adaptor

STARDOM
STORAGE SOLUTIONS

SAS 12G & 6G (4 & 8-Bay)				
Model No.	ST8-U6	ST4-U6	ST8-U5+	ST4-U5+
Host Interface	2 x SFF-8644	1 x SFF-8644	2 x SFF-8088	1 x SFF-8088
RAID Level	N/A	N/A	N/A	N/A
RAID Chipset	N/A	N/A	N/A	N/A
Compatible Drive	8 x 3.5"/2.5" SAS/SATA Drive	4 x 3.5"/2.5" SAS/SATA Drive	8 x 3.5"/2.5" SAS/SATA Drive	4 x 3.5"/2.5" SAS/SATA Drive
Support GUI	N/A	N/A	N/A	N/A
LED Indicator	Yes	Yes	Yes	Yes
Alarm	Yes	Yes	Yes	Yes
Cooling Fan	2 x 8cm Low Noise Fan	1 x 8cm Low Noise Fan	2 x 8cm Low Noise Fan	1 x 8cm Low Noise Fan
Power Supply	Internal 250W PSU	Internal 150W PSU	Internal 250W PSU	Internal 150W PSU

Accessories			
Model No.	**2.5" Drive Tray Adapter**	**S2F Adapter**	**Tray Box**
Host Interface	SATA III (6Gbps)	1 x eSATA (6Gbps) 2 x Firewire800	N/A
Main Chipset	N/A	JMS355	N/A
Compatible Drive	1 x 2.5" SATA Drive	N/A	1 x 3.5"/2.5" SATA Drive
LED Indicator	Yes	Yes	N/A
Power Supply	1 x SATA 15-pin connector	Firewire800 Bus-powered	N/A

iTANK i310-B31+

i310-B31+

USB3.1 Transmission **10G**
JBOD Mode
Windows
Mac OS

4K Video Support
2.5" 3.5"
LED

i310-B31+ is build-in USB Type-C connector and suitable for macOS and Windows. It supports USB-PD (Power Delivery) function and can provide up to 24W power to Host. All storages come with one mini Display port for 2nd monitor expansion, which support DP 1.1a and provide the resolution up to 4K@30 Hz.
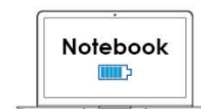
More Pixels (4K@30Hz)

4K

More Speed (10Gbps)

Notebook

Smart Charge (24W)

2nd Monitor expansion

i310-B31+ comes with one mini Display port for 2nd monitor expansion, which support DP 1.1a, the resolution can support up to 4K@30Hz. it's convenient for the user who need to edit and review the Photo/Video at the same time.

24W USB Power Delivery

USB Power Delivery (USB-PD) introduces fast charging technology and unified cables standards for the USB Developer Forum (USB-IF). i310-B31+ can provide up to 24W power charging to the host when the cable is connected. And auto switch between 5V/3A(15W), 9V/2A(18W) and 12V/2A (24W).

STARDOM
STORAGE SOLUTIONS

SOHORAID ST4-TL3B+

ST4-TL3+

- Thunderbolt
- **0** RAID Mode
- **1** RAID Mode
- **10** RAID Mode
- **JBOD** Mode
- **RAID** Hardware
- Network
- Windows
- Mac OS
- 4K Video Support
- **2.5" 3.5"**
- LED

4-Bay 2.5"/3.5" SATA III HDD/SSD Hardware RAID Storage with 10Gbps Lan Port
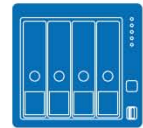
Thunderbolt™ 3 Cable (Port A)

Features

- 2 x ThunderboltTM 3 (up to 40Gbps/port)
- 1 x RJ45 LAN port (Support 10G/5G/2.5G/1G/100M Base-T)
- 1 x Mini DisplayPort for 2nd Monitor Extension
- Hardware RAID Controller Inside
- Support RAID 0/1/10 and JBOD
- Support 4 x 3.5" or 2.5" SATA Drive
- Drive Hot-swappable
- Support 15W (5V/3A) USB Power Delivery
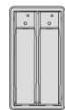- Support Windows and Mac
- Aluminum Chassis and Handle

THUNDERBOLT.

10GbE Network Cable

10GbE Switch

10Gbps NAS

Thunderbolt™ 3 Cable (Port B)

Thunderbolt™ 3, USB3.1 Device

Mini DisplayPort Cable

4K@30Hz

Thank you for your time!

RaidonTek is specialized in the direct attached RAID storage design and manufacturing. And we are an **Intel Thunderbolt** ODM vendor.

We welcome all **OEM**, **ODM**, and **Brand Distribution**. Look forward to the opportunity working with you!