



Use two 2.5-inch SATA drives in a single 3.5-inch SATA drive bay with RAID support for PC and NAS

Standard Warranty	1 year
Supported Drives	2 x 2.5" SATA 6Gbps HDD/SSD (up to 9.5 mm in height)
Host Interface	SATA 6Gbps
Supported Operating Systems	1. QTS 4.4.1 (or later) 2. Windows: Windows 7, 8.1, 10, Windows Server 2012 R2 3. Ubuntu
Dimensions (L x W x H)	138.2 × 101.6 × 25.9 mm
Weight	0.15 kg
RAID Support	RAID 0, 1

Note

The connected drive may not reach its optimal performance due to protocol translation and some overhead.

All the drive data will be cleared upon drive initialization or RAID mode switching with the QDA-A2AR. Ensure that all data is backed up beforehand.

Window and Linux PC supports all four modes mentioned above. QTS does not support Individual mode.

It is recommended that only drives with identical model numbers and capacities are used to create a RAID 0/1 group because the total storage space will be equal to the size of the smallest drive.

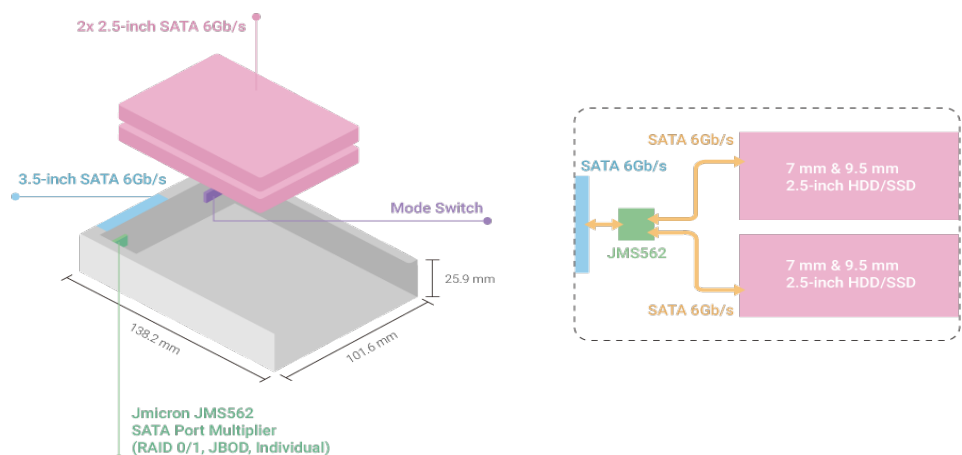
The SATA controller of the PC must support port multipliers to recognize two drives in the Individual mode configuration. Consult your system provider and install the latest drivers for your SATA controller.

Installing a QNAP disk adapter in another QNAP disk adapter is not supported. (e.g. QDA-A2MAR cannot be installed in the QDA-A2AR.)

TR-002/TR-004 RAID expansion enclosures do not support QDA-A2AR/QDA-A2MAR.

QTS identifies the drives in a QDA-A2AR as a single volume. Installing two drives with a RAID 1 configuration for QDA-A2AR is required to use Qtier. If a QDA-A2AR drive fails and needs replaced: you must disable Qtier to make the QDA-A2AR drive data move to the NAS-based storage pool, and then replace the failed QDA-A2AR drive.

Architecture Diagram



Note: QNAP reserves the right to replace partial parts or accessories if the original is no longer available from its manufacturer/supplier. Any replacement would be fully tested and verified to meet strict compatibility and stability guidelines and

will deliver identical performance to the original.

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