

# QNAP Supported Versions in V8

| Supported QNAP NAS Models <sup>[1]</sup> |  |                  |
|--|--|------------------|
| <b>System Model:</b>                     | <b>CPU:</b>  | <b>Version:</b>  |
| <b>Enterprise ZFS NAS:</b>               |  |                  |
| ES1640dc v2                              | Intel Xeon E5-2420 v2  | 8.1.0.0 or above |
| <b>Enterprise SAS NAS:</b>               |  |                  |
| TES-3085U                                | Intel Xeon D-1521 / D-1531 / D-1548  | 8.1.0.0 or above |
| TES-1885U                                | Intel Xeon D-1521 / D-1531   | 8.1.0.0 or above |
| TDS-16489U                               | Intel Xeon E5-2620 / E5-2630 v3  | 8.1.0.0 or above |
| TVS-EC2480U-SAS-RP R2                    | Intel Xeon E3-1245 / E3-1246 v3 / Any compatible Intel Xeon E3-1200 v3 processor | 8.1.0.0 or above |
| TVS-EC1680U-SAS-RP R2                    | Intel Xeon E3-1245 / E3-1246 v3 / Any compatible Intel Xeon E3-1200 v3 processor | 8.1.0.0 or above |
| TVS-EC1580MU-SAS-RP R2                   | Intel Xeon E3-1245 / E3-1246 v3 / Any compatible Intel Xeon E3-1200 v3 processor | 8.1.0.0 or above |
| TVS-EC1280U-SAS-RP R2                    | Intel Xeon E3-1245 / E3-1246 v3 / Any compatible Intel Xeon E3-1200 v3 processor | 8.1.0.0 or above |
| <b>Enterprise NAS:</b>                   |  |                  |
| TS-EC2480U R2                            | Intel Xeon E3-1245 / E3-1246 v3 / Any compatible Intel Xeon E3-1200 v3 processor | 8.1.0.0 or above |
| TS-EC1680U R2                            | Intel Xeon E3-1245 / E3-1246 v3 / Any compatible Intel Xeon E3-1200 v3 processor | 8.1.0.0 or above |
| TS-EC1280U R2                            | Intel Xeon E3-1245 / E3-1246 v3 / Any compatible Intel Xeon E3-1200 v3 processor | 8.1.0.0 or above |
| TS-EC880U R2                             | Intel Xeon E3-1245 / E3-1246 v3 / Any compatible Intel Xeon E3-1200 v3 processor | 8.1.0.0 or above |
| TS-1685                                  | Intel Xeon D-1521 / D-1531   | 8.1.0.0 or above |
| TS-1677X                                 | AMD Ryzen 3 1200 / Ryzen 5 1600 / Ryzen 7 1700                                   | 8.1.0.0 or above |
| <b>SMB - High-End:</b>                   |  |                  |
| TS-1673U-RP                              | AMD R-Series RX-421ND  | 8.1.0.0 or above |
| TS-1673U                                 | AMD R-Series RX-421ND  | 8.1.0.0 or above |
| TS-1277                                  | AMD Ryzen 5 1600, Turbo Core 3.6 GHz   | 8.1.0.0 or above |
| TS-1273U-RP                              | AMD R-Series RX-421ND  | 8.1.0.0 or above |
| TS-877                                   | AMD Ryzen 5 1600, Turbo Core 3.6 GHz   | 8.1.0.0 or above |
| TS-873U-RP                               | AMD R-Series RX-421ND  | 8.1.0.0 or above |
| TS-873U                                  | AMD R-Series RX-421ND  | 8.1.0.0 or above |
| TS-677                                   | AMD Ryzen 5 1600, Turbo Core 3.6 GHz   | 8.1.0.0 or above |
| TVS-873e                                 | AMD R-Series RX-421BD  | 8.1.0.0 or above |
| TVS-873                                  | AMD R-Series RX-421BD  | 8.1.0.0 or above |
| TVS-673e                                 | AMD R-Series RX-421BD  | 8.1.0.0 or above |

|          |                       |                  |
|----------|-----------------------|------------------|
| TVS-673  | AMD R-Series RX-421BD | 8.1.0.0 or above |
| TVS-473e | AMD R-Series RX-421BD | 8.1.0.0 or above |
| TVS-473  | AMD R-Series RX-421BD | 8.1.0.0 or above |

#### SMB - Middle-Range:

|              |                              |                  |
|--------------|------------------------------|------------------|
| TS-1635AX    | Marvell Armada 8040          | 8.1.0.0 or above |
| TS-1635      | Annapurna Labs Alpine AL-514 | 8.1.0.0 or above |
| TS-1263XU-RP | AMD G-Series GX-420MC        | 8.1.0.0 or above |
| TS-1263XU    | AMD G-Series GX-420MC        | 8.1.0.0 or above |
| TS-1263U-RP  | AMD Quad-core 64-bit 2.0GHz  | 8.1.0.0 or above |
| TS-1263U     | AMD Quad-core 64-bit 2.0GHz  | 8.1.0.0 or above |
| TS-963X      | AMD G-Series GX-420MC        | 8.1.0.0 or above |
| TS-873       | AMD R-Series RX-421ND        | 8.1.0.0 or above |
| TS-863XU-RP  | AMD G-Series GX-420MC        | 8.1.0.0 or above |
| TS-863XU     | AMD G-Series GX-420MC        | 8.1.0.0 or above |
| TS-863U-RP   | AMD Quad-core 64-bit 2.0GHz  | 8.1.0.0 or above |
| TS-863U      | AMD Quad-core 64-bit 2.0GHz  | 8.1.0.0 or above |
| TS-673       | AMD R-Series RX-421ND        | 8.1.0.0 or above |
| TS-563       | AMD G-Series GX-420MC        | 8.1.0.0 or above |
| TS-473       | AMD R-Series RX-421ND        | 8.1.0.0 or above |
| TS-463XU-RP  | AMD G-Series GX-420MC        | 8.1.0.0 or above |
| TS-463XU     | AMD G-Series GX-420MC        | 8.1.0.0 or above |
| TS-463U-RP   | AMD Quad-core 64-bit 2.0GHz  | 8.1.0.0 or above |
| TS-463U      | AMD Quad-core 64-bit 2.0GHz  | 8.1.0.0 or above |
| TVS-863+     | AMD G-series GX-424CC        | 8.1.0.0 or above |
| TVS-863      | AMD G-series GX-424CC        | 8.1.0.0 or above |
| TVS-663      | AMD G-series GX-424CC        | 8.1.0.0 or above |
| TVS-463      | AMD G-series GX-424CC        | 8.1.0.0 or above |

#### SMB - Entry-Level:

|              |                              |                  |
|--------------|------------------------------|------------------|
| TS-1232XU-RP | Annapurna Labs Alpine AL-324 | 8.1.0.0 or above |
| TS-1232XU    | Annapurna Labs Alpine AL-324 | 8.1.0.0 or above |
| TS-1231XU-RP | Annapurna Labs Alpine AL-314 | 8.1.0.0 or above |
| TS-1231XU    | Annapurna Labs Alpine AL-314 | 8.1.0.0 or above |
| TS-932X      | Annapurna Labs Alpine AL-324 | 8.1.0.0 or above |
| TS-832XU-RP  | Annapurna Labs Alpine AL-324 | 8.1.0.0 or above |
| TS-832XU     | Annapurna Labs Alpine AL-324 | 8.1.0.0 or above |
| TS-831XU-RP  | Annapurna Labs Alpine AL-314 | 8.1.0.0 or above |
| TS-831XU     | Annapurna Labs Alpine AL-314 | 8.1.0.0 or above |
| TS-831X      | Annapurna Labs Alpine AL-314 | 8.1.0.0 or above |
| TS-809 PRO   | Intel Core E7400             | 8.1.0.0 or above |
| TS-432XU-RP  | Annapurna Labs Alpine AL-324 | 8.1.0.0 or above |
| TS-432XU     | Annapurna Labs Alpine AL-324 | 8.1.0.0 or above |
| TS-431XU-RP  | Annapurna Labs Alpine AL-314 | 8.1.0.0 or above |
| TS-431XU     | Annapurna Labs Alpine AL-314 | 8.1.0.0 or above |
| TS-431X2     | Annapurna Labs Alpine AL-314 | 8.1.0.0 or above |
| TS-431X      | Annapurna Labs Alpine AL-212 | 8.1.0.0 or above |
| TS-531X      | Annapurna Labs Alpine AL-314 | 8.1.0.0 or above |
| TS-259 PRO+  | Intel Atom D525              | 8.1.0.0 or above |

#### Home - Middle-Range:

|          |                              |                  |
|----------|------------------------------|------------------|
| TS-431P2 | Annapurna Labs Alpine AL-314 | 8.1.0.0 or above |
| TS-431P  | Annapurna Labs Alpine AL-212 | 8.1.0.0 or above |
| TS-328   | Realtek RTD1295              | 8.1.0.0 or above |

|                            |                              |                  |
|----------------------------|------------------------------|------------------|
| TS-231P2                   | Annapurna Labs Alpine AL-314 | 8.1.0.0 or above |
| TS-231P                    | Annapurna Labs Alpine AL-212 | 8.1.0.0 or above |
| TS-131P                    | Annapurna Labs Alpine AL-212 | 8.1.0.0 or above |
| <b>Home - Entry-Level:</b> |                              |                  |
| TS-228A                    | Realtek RTD1295              | 8.1.0.0 or above |
| TS-228                     | Realtek RTD1195              | 8.1.0.0 or above |
| TS-128A                    | Realtek RTD1295              | 8.1.0.0 or above |
| TS-128                     | Realtek RTD1195              | 8.1.0.0 or above |

## Hardware Requirement

### **CPU:** <sup>[2]</sup>

64bit Dual Core architecture or above

<sup>[2]</sup> Due to the processing power required for compression, encryption, and delta generation. It is recommended the QNAP NAS should be installed with dual core CPU processors with sufficient memory. Intel CPU processor is recommended over other CPU processor type.

### **Memory:** <sup>[3]</sup>

Minimum: 1024 MB

Recommended: 2 GB or more

<sup>[3]</sup> The default Java heap size of OBM installation on QNAP NAS is 256 MB. 1 GB RAM or more is required to ensure application stability and optimal backup/restore performance.

### **Installation Space:**

Minimum: 500 MB

### **Network Protocol:**

TCP/IP