



N2050 Hard Disk Compatibility Test Report

Below HDD work well with N2050 V2 which has an INIT button near the RAID mode switch.
For old N2050, without the INIT button, below HDD may not work well.

Hitachi

| Series | Model | Interface | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Recently Updated * |
|-----------------|----------------------|---------------|---------------|------------------------|------------------|--------------------|
| Deskstar | HDS728080PLA380-PF2O | SATA 3.0 Gb/s | 82.3 | 7200 | 8 | OK 2005/11/16 |
| Deskstar | HDT722525DLA380-V44O | SATA 3.0 Gb/s | 250 | 7200 | 8 | OK 2005/11/16 |
| Deskstar | HDS725050KLA360-K2AO | SATA 3.0 Gb/s | 500 | 7200 | 8 | FAILED 2005/11/16 |
| Deskstar T7K500 | HDT725032VLA360 | SATA 3.0 Gb/s | 320 | 7200 | 16 | OK 2008/05/19 |
| Deskstar P7K500 | HDP725050GLA360 | SATA 3.0 Gb/s | 500 | 7200 | 16 | OK 2008/05/19 |

Maxtor

| Series | Model | Interface | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Recently Updated * |
|-------------------|--------------|---------------|---------------|------------------------|------------------|--------------------|
| DiamondMax Plus 9 | 6Y080M0-YAR5 | SATA 1.5 Gb/s | 80 | 7200 | 8 | OK 2005/11/16 |
| MaXLine Plus II | 7Y250M0-YAR5 | SATA 1.5 Gb/s | 250 | 7200 | 8 | OK 2005/11/16 |
| Maxtor Ultra 16 | L01F500 | SATA 3.0 Gb/s | 500 | 7200 | 16 | OK 2006/10/03 |
| DiamondMax 22 | STM3500320AS | SATA 3.0 Gb/s | 500 | 7200 | 32 | OK 2008/05/19 |

Samsung

| Series | Model | Interface | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Recently Updated * |
|-------------------------|----------------------|---------------|---------------|------------------------|------------------|--------------------|
| SpinPoint P series | SAMSUNG SP1614C-SW10 | SATA 1.5 Gb/s | 160 | 7200 | 8 | OK 2005/11/16 |
| SpinPoint P80 SD Series | HD160JJ | SATA 3.0 Gb/s | 160 | 7200 | 8 | OK 2006/10/03 |

Seagate

| Series | Model | Interface | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Recently Updated * |
|-------------------|------------------|---------------|---------------|------------------------|------------------|--------------------|
| Barracuda 7200.7 | ST380013AS-3.18 | SATA 1.5 Gb/s | 80 | 7200 | 8 | OK 2005/11/16 |
| Barracuda 7200.7 | ST3200822AS-3.01 | SATA 1.5 Gb/s | 200 | 7200 | 8 | OK 2005/11/16 |
| Barracuda 7200.10 | ST3250620AS | SATA 3.0 Gb/s | 250 | 7200 | 16 | OK 2006/10/03 |
| Barracuda 7200.10 | ST3320820AS | SATA 3.0 Gb/s | 320 | 7200 | 8 | OK 2007/11/07 |
| Barracuda 7200.10 | ST3320620AS | SATA 3.0 Gb/s | 320 | 7200 | 16 | OK 2007/04/19 |
| Barracuda 7200.10 | ST3500630AS | SATA 3.0 Gb/s | 500 | 7200 | 16 | OK 2007/11/13 |
| Barracuda 7200.11 | ST3320613AS | SATA 3.0Gb/s | 320 | 7200 | 16 | OK 2008/05/19 |
| Barracuda 7200.11 | ST3500320AS | SATA 3.0Gb/s | 500 | 7200 | 32 | OK 2008/05/19 |
| Barracuda ES.2 | ST3500320NS | SATA 3.0Gb/s | 500 | 7200 | 32 | OK 2008/05/19 |

Western Digital

| Series | Model | Interface | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Recently Updated * |
|--------------|---------------------|---------------|---------------|------------------------|------------------|--------------------|
| WD Caviar | WD800JD | SATA 1.5 Gb/s | 80 | 7200 | 8 | FAILED 2005/11/16 |
| WD Caviar SE | WD800JD | SATA 3.0 Gb/s | 80 | 7200 | 8 | FAILED 2005/11/16 |
| WD Caviar SE | WD1200JS | SATA 3.0 Gb/s | 120 | 7200 | 8 | FAILED 2005/11/16 |
| WD Caviar SE | WDC WD1600JS-00MHB0 | SATA 3.0 Gb/s | 160 | 7200 | 8 | OK 2005/11/16 |
| WD Caviar SE | WD1600AAJS | SATA 3.0 Gb/s | 160 | 7200 | 8 | OK 2007/04/19 |
| WD Caviar SE | WD2500JS | SATA 3.0 Gb/s | 250 | 7200 | 8 | OK 2006/10/03 |



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|----------------|------------|---------------|-----|------|----|---------------|
| WD Caviar SE16 | WD5000AACS | SATA 3.0 Gb/s | 500 | 7200 | 16 | OK 2008/05/19 |
| WD Caviar RE2 | WD3201ABYS | SATA 3.0 Gb/s | 320 | 7200 | 16 | OK 2008/05/19 |
| WD Caviar RE2 | WD5000YS | SATA 3.0 Gb/s | 500 | 7200 | 16 | OK 2007/08/29 |
| WD Caviar RE2 | WD5000ABYS | SATA 3.0 Gb/s | 500 | 7200 | 16 | OK 2007/08/29 |

Note 1. HDD bigger than 500G is not recommended.

2. Above HDD were tested in room temperature.

3. Please keep the Box in good air condition for RAID safety.

4. Thecus DO NOT guaranty the RAID data safety, so please backup the RAID data to another storage regularly.