

**Memory Compatibility List for Thecus device - DDR2 DDR3 models**

**DDR II**

| Vendors    | Model             | N0503 | N3200XXX | N4200 | N5500 | 1U4600 | N7700 series | N8800series |
|------------|-------------------|-------|----------|-------|-------|--------|--------------|-------------|
| Kingston   | KVR800D2S6/1G     | V     | V        | V     | V     | V      |              |             |
| Transcend  | JM800QSU-1G       | V     | V        | V     | V     | V      |              |             |
| CFD ELIXIR | D2N800CQ-2GLZJ/2G | V     | V        | V     | V     | V      |              |             |
| Kingston   | KVR800D2N6/2G     |       |          |       |       |        | V            | V           |
| Transcend  | JM800QLU-2G       |       |          |       |       |        | V            | V           |
| Transcend  | TS256MLQ64V8U/2G  |       |          |       |       |        | V            | V           |
| Panram     | D2N208PS-2G       |       |          |       | V     |        |              |             |

**DDR III**

| Vendors   | Model                       | N2200XXX<br>1U4200XXX<br>N5200XXX<br>N8200XXX<br>N4200Eco<br>N4200PRO | N2800<br>N4510U series<br>N4800 series<br>N5550 / N7510<br>V4510 / V4510U / V5510<br>W2000 / W4000 / W5000 | N2810 Series<br>W2810 Series<br>N4810 Series<br>W4810 Series<br>N4820 Series<br>N5810 Series<br>W5810 Series | V6810<br>N6850<br>N8850<br>N108502 | N8880 Series*8<br>N8810 series<br>N7770 Series*8<br>N7710 series | V8810U<br>N8900 series<br>W8900 | N16000PRO/V<br>N12000PRO/V<br>NVR160<br>NVR120<br>V16810U<br>W16000<br>W12000 | N16000<br>N12000 |
|-----------|-----------------------------|---|--|--|------------------------------------|--|---------------------------------|---|------------------|
| Kingston  | KVR1333D3S9/1G              | V   | V  |  |                                    |  |                                 |   |                  |
| Transcend | JM1333KSU/1G                | V   | V  |  |                                    |  |                                 |   |                  |
| Transcend | TS128MSK64V1U/1G            | V   | V  |  |                                    |  |                                 |   |                  |
| Kingston  | KVR1333D3N9/4G              |   |  |  | V                                  |  | V                               | V   | V                |
| Transcend | JM1333KLN/4G                |   |  |  | V                                  |  | V                               | V   | V                |
| Kingston  | KVR1333D3N9/2G              |   |  |  | V                                  |  | V                               | V   | V                |
| Transcend | JM1333KLN/2G                |   |  |  | V                                  |  | V                               | V   | V                |
| Transcend | TS256MLK64V3N/2G            |   |  |  | V                                  | V*2*3  | V                               | V*2*3   | V*2*3            |
| Transcend | TS512MLK64V3N/4G            |   |  |  | V                                  | V*2*3  | V                               | V*2*3   | V*2*3            |
| Kingston  | KVR1333D3S8S9/2G*1          | V   | V  |  |                                    |  |                                 |   |                  |
| Transcend | JM1333KSN/2G                | V   | V  |  |                                    |  |                                 |   |                  |
| Transcend | TS256MSK64V3N/2G            | V   | V  |  |                                    |  |                                 |   |                  |
| DSL       | D3SH56081XH15AB/2G          | V   | V  |  |                                    |  |                                 |   |                  |
| Transcend | TS512MLK72V3N/4G/ECC        |   |  |  |                                    | V*2*3 (ECC)  |                                 | V*2*3 (ECC)   | V*2*3 (ECC)      |
| ADATA     | AS3E1600W2G11-BMIE/2G/ECC   |   |  |  |                                    | V*2*3 (ECC)  |                                 | V*2*3 (ECC)   | V*2*3 (ECC)      |
| ADATA     | AS3E1600W4G11-BMIE/4G/ECC   |   |  |  |                                    | V*2*3 (ECC)  |                                 | V*2*3 (ECC)   | V*2*3 (ECC)      |
| ADATA     | AD3U1600C2G11 - Bmik/2G     |   |  |  | V                                  | V*2*3  | V                               | V*2*3   | V*2*3            |
| ADATA     | AD3S1600C2G11 - Bmik/2G     |   | V  |  |                                    |  |                                 |   |                  |
| Team      | TED3L4GM1600C11-SBK/4G*4    |   | V*6  |  |                                    |  |                                 |   |                  |
| Transcend | TS1GLK72V3H/8G/ECC          |   |  |  | V*2*3 (ECC)                        | V*2*3 (ECC)  | V*2*3 (ECC)                     | V*2*3 (ECC)   | X *5             |
| Transcend | TS1GLK64V3H/8G              |   |  |  | V                                  | V  | V                               | V   |                  |
| ADATA     | AD3E1600W8G11-BMIE/8G/ECC   |   |  |  | V*2*3 (ECC)                        | V*2*3 (ECC)  | V*2*3 (ECC)                     | V*2*3 (ECC)   | X *5             |
| ADATA     | AD3U1600W8G11-BMIE/8G       |   |  |  | V                                  | V  | V                               | V   |                  |
| ADATA     | ADDS1600C2G11-Bxxx/2G/DDR3L |   |  | V  |                                    |  |                                 |   |                  |
| ADATA     | ADDS1600C4G11-Bxxx/4G/DDR3L |   |  | V  |                                    |  |                                 |   |                  |
| ADATA     | ADDS1600W4G11-Bxxx/4G/DDR3L |   |  | V  |                                    |  |                                 |   |                  |
| ADATA     | ADDS1600W8G11-Bxxx/8G/DDR3L |   |  | V  |                                    |  |                                 |   |                  |
| Transcend | TS512MSK64W6H/4G/DDR3L      |   |  | V  |                                    |  |                                 |   |                  |
| Transcend | TS1GSK64W6H/8G/DDR3L        |   |  | V  |                                    |  |                                 |   |                  |

|                              |                              |  |                                 |
|------------------------------|------------------------------|--|---------------------------------|
| 1 SO-DIMM slot total 4GB max | 2 SO-DIMM slot total 4GB max | N(W)2810 series<br>1 SO-DIMM slot total 8GB max*7<br><br>N(W)4810,<br>N4820 &<br>N(W)5810 series<br>2 SO-DIMM slot total 8GB max*7 | 4 long DIMM slot total 32GB max |
|------------------------------|------------------------------|--|---------------------------------|

The following scenarios will immediately invalidate Thecus® warranty:

- A. Replacing original hardware with products not included on Thecus hardware compatibility list
- B. Upgrading hardware from original specs
- C. Hardware or software modifications not performed or authorized by Thecus®

NOTE: RMA warranty service will not be provided if Thecus unit(s) is not shipped back with its original hardware.

\*1 Since 2014 Jan user report the DRAM chip changed, thus would have compatibility issue.

\*2 For enterprise environment recommend choose ECC DRAM.

\*3 ECC & non ECC DRAM unable to install on the same NAS together.

\*4 According from Intel specification limited support up to 4GB memory only, thus recommend install with single SO-DIMM module at DIMM1, but N7510 at DIMM2.

\*5 No boot.

\*6 According from Intel specification support up to 4GB MAX, even some user working with 8GB but Thecus no comment for this behavior and user have to take itself own risk.

\*7 According from Intel specification support up to 8GB MAX, even some user working with 16GB but Thecus no comment for this behavior and user have to take itself own risk.

\*8 N7770 series & N8880 series default ECC DRAM.