

# W5810 Series HDD/SSD Compatibility List

|                      |                   |
|----------------------|-------------------|
| <b>Enterprise:</b>   | (note 2)          |
| <b>Environment:</b>  | Business critical |
| <b>Availability:</b> | 24/7              |
| <b>Reliability:</b>  | High              |

## ADATA SSD

| Series | Model       | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated |
|--------|-------------|--------------|---------------|------------------------|------------------|-------------|------------------|
| IS22   | 128GB (MLC) | SATA 3.0Gb/s | 128           | SSD                    | -                | 2.5"        | OK 2016/03/08    |

## Apacer SSD

| Series     | Model            | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|------------|------------------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| SAFD 25P-M | APS25P6B512G-DCM | SATA 3.0Gb/s | 512           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| SAFD 25P-M | APS25P6B256G-DCM | SATA 3.0Gb/s | 256           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| SAFD 25P-M | APS25P6B128G-DCM | SATA 3.0Gb/s | 128           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| SAFD 25P-M | APS25P6B064G-DCM | SATA 3.0Gb/s | 64            | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| SAFD 25P-M | APS25P6B032G-DCM | SATA 3.0Gb/s | 32            | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| SAFD 25P-M | APS25P6B016G-DCM | SATA 3.0Gb/s | 16            | SSD                    | -                | 2.5"        | OK 2016/03/08      |

# W5810 Series HDD/SSD Compatibility List

## Intel SSD

| Series       | Model         | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|--------------|---------------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| 520 Series   | SSDSC2CW480A3 | SATA 6.0Gb/s | 480           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| 520 Series   | SSDSC2CW240A3 | SATA 6.0Gb/s | 240           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| 520 Series   | SSDSC2CW180A3 | SATA 6.0Gb/s | 180           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| 520 Series   | SSDSC2CW120A3 | SATA 6.0Gb/s | 120           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| 520 Series   | SSDSC2CW060A3 | SATA 6.0Gb/s | 60            | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| S3500 Series | SSDSC2BB080   | SATA 6.0Gb/s | 80            | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| S3500 Series | SSDSC2BB120   | SATA 6.0Gb/s | 120           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| S3500 Series | SSDSC2BB160   | SATA 6.0Gb/s | 160           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| S3500 Series | SSDSC2BB240   | SATA 6.0Gb/s | 240           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| S3500 Series | SSDSC2BB300   | SATA 6.0Gb/s | 300           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| S3500 Series | SSDSC2BB480   | SATA 6.0Gb/s | 480           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| S3500 Series | SSDSC2BB600   | SATA 6.0Gb/s | 600           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| S3500 Series | SSDSC2BB800   | SATA 6.0Gb/s | 800           | SSD                    | -                | 2.5"        | OK 2016/03/08      |

## OCZ SSD

| Series    | Model             | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated |
|-----------|-------------------|--------------|---------------|------------------------|------------------|-------------|------------------|
| Deneva2 C | D2CSTK251A20-0480 | SATA 6.0Gb/s | 480           | SSD                    | -                | 2.5"        | OK 2016/03/08    |
| Deneva2 C | D2CSTK251A20-0360 | SATA 6.0Gb/s | 360           | SSD                    | -                | 2.5"        | OK 2016/03/08    |
| Deneva2 C | D2CSTK251A20-0240 | SATA 6.0Gb/s | 240           | SSD                    | -                | 2.5"        | OK 2016/03/08    |
| Deneva2 C | D2CSTK251A20-0180 | SATA 6.0Gb/s | 180           | SSD                    | -                | 2.5"        | OK 2016/03/08    |
| Deneva2 C | D2CSTK251A20-0120 | SATA 6.0Gb/s | 120           | SSD                    | -                | 2.5"        | OK 2016/03/08    |
| Deneva2 C | D2CSTK251A20-0060 | SATA 6.0Gb/s | 60            | SSD                    | -                | 2.5"        | OK 2016/03/08    |
| VECTOR    | VTR1-25SAT3-128G  | SATA 6.0Gb/s | 128           | SSD                    | -                | 2.5"        | OK 2016/03/08    |
| VECTOR    | VTR1-25SAT3-256G  | SATA 6.0Gb/s | 256           | SSD                    | -                | 2.5"        | OK 2016/03/08    |
| VECTOR    | VTR1-25SAT3-512G  | SATA 6.0Gb/s | 512           | SSD                    | -                | 2.5"        | OK 2016/03/08    |

# W5810 Series HDD/SSD Compatibility List

## Plextor SSD

| Series | Model    | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated |
|--------|----------|--------------|---------------|------------------------|------------------|-------------|------------------|
| M5 Pro | PX-512M5 | SATA 6.0Gb/s | 512           | SSD                    | -                | 2.5"        | OK 2016/03/08    |
| M5 Pro | PX-256M5 | SATA 6.0Gb/s | 256           | SSD                    | -                | 2.5"        | OK 2016/03/08    |
| M5 Pro | PX-128M5 | SATA 6.0Gb/s | 128           | SSD                    | -                | 2.5"        | OK 2016/03/08    |

## Transcend SSD

| Series | Model        | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|--------|--------------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| SSD720 | TS512GSSD720 | SATA 6.0Gb/s | 512           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| SSD720 | TS256GSSD720 | SATA 6.0Gb/s | 256           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| SSD720 | TS128GSSD720 | SATA 6.0Gb/s | 128           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| SSD720 | TS64GSSD720  | SATA 6.0Gb/s | 64            | SSD                    | -                | 2.5"        | OK 2016/03/08      |

## HGST

| Series           | Model           | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|------------------|-----------------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| Ultrastar He12   | HUH721212ALE600 | SATA 6.0Gb/s | 12000         | 7200                   | 256              | 3.5"        | OK 2017/10/03      |
| Ultrastar He12   | HUH721212ALE604 | SATA 6.0Gb/s | 12000         | 7200                   | 256              | 3.5"        | OK 2017/10/03      |
| Ultrastar He10   | HUH721010ALE604 | SATA 6.0Gb/s | 10000         | 7200                   | 256              | 3.5"        | OK 2016/08/25      |
| Ultrastar He10   | HUH721010ALE600 | SATA 6.0Gb/s | 10000         | 7200                   | 256              | 3.5"        | OK 2016/08/25      |
| Ultrastar He10   | HUH721008ALE600 | SATA 6.0Gb/s | 8000          | 7200                   | 256              | 3.5"        | OK 2016/08/25      |
| Ultrastar He8    | HUH728080ALE604 | SATA 6.0Gb/s | 8000          | 7200                   | 128              | 3.5"        | OK 2016/09/22      |
| Ultrastar He8    | HUH728060ALE604 | SATA 6.0Gb/s | 6000          | 7200                   | 128              | 3.5"        | OK 2016/09/22      |
| HGST He8         | HUH728080ALE600 | SATA 6.0Gb/s | 8000          | 7200                   | 128              | 3.5"        | OK 2015/08/28 (9)  |
| HGST He8         | HUH728060ALE600 | SATA 6.0Gb/s | 6000          | 7200                   | 128              | 3.5"        | OK 2015/08/28 (9)  |
| Ultrastar 7K6    | HUS726T6TALE6L4 | SATA 6.0Gb/s | 6000          | 7200                   | 256              | 2.5"        | OK 2018/04/17      |
| Ultrastar 7K6    | HUS726T4TALE6L4 | SATA 6.0Gb/s | 4000          | 7200                   | 256              | 2.5"        | OK 2018/04/17      |
| Ultrastar 7K6000 | HUS726060ALE614 | SATA 6.0Gb/s | 6000          | 7200                   | 128              | 3.5"        | OK 2016/09/22      |
| Ultrastar 7K6000 | HUS726050ALE614 | SATA 6.0Gb/s | 5000          | 7200                   | 128              | 3.5"        | OK 2016/09/22      |
| Ultrastar 7K6000 | HUS726040ALE614 | SATA 6.0Gb/s | 4000          | 7200                   | 128              | 3.5"        | OK 2016/09/22      |
| Ultrastar 7K6000 | HUS726020ALE614 | SATA 6.0Gb/s | 2000          | 7200                   | 128              | 3.5"        | OK 2016/09/22      |
| Ultrastar 7K6000 | HUS726040ALA614 | SATA 6.0Gb/s | 4000          | 7200                   | 128              | 3.5"        | OK 2016/09/22      |
| Ultrastar 7K6000 | HUS726020ALA614 | SATA 6.0Gb/s | 2000          | 7200                   | 128              | 3.5"        | OK 2016/09/22      |

# W5810 Series HDD/SSD Compatibility List

| Seagate             |               |              |               |                        |                  |             |                    |
|---------------------|---------------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| Series              | Model         | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
| IronWolf Pro        | ST14000NE0008 | SATA 6.0Gb/s | 14000         | 7200                   | 256              | 3.5"        | OK 2018/09/01      |
| IronWolf Pro        | ST12000NE0008 | SATA 6.0Gb/s | 12000         | 7200                   | 256              | 3.5"        | OK 2018/09/01      |
| IronWolf Pro        | ST10000NE0008 | SATA 6.0Gb/s | 10000         | 7200                   | 256              | 3.5"        | OK 2018/09/01      |
| IronWolf Pro        | ST12000NE0007 | SATA 6.0Gb/s | 12000         | 7200                   | 256              | 3.5"        | OK 2017/10/03      |
| IronWolf Pro        | ST10000NE0004 | SATA 6.0Gb/s | 10000         | 7200                   | 256              | 3.5"        | OK 2017/10/03      |
| IronWolf Pro        | ST8000NE0004  | SATA 6.0Gb/s | 8000          | 7200                   | 256              | 3.5"        | OK 2016/12/28      |
| IronWolf Pro        | ST8000NE0021  | SATA 6.0Gb/s | 8000          | 7200                   | 256              | 3.5"        | OK 2016/12/28      |
| IronWolf Pro        | ST6000NE0001  | SATA 6.0Gb/s | 6000          | 7200                   | 256              | 3.5"        | OK 2016/12/28      |
| IronWolf Pro        | ST6000NE0011  | SATA 6.0Gb/s | 6000          | 7200                   | 256              | 3.5"        | OK 2016/12/28      |
| IronWolf Pro        | ST6000NE0021  | SATA 6.0Gb/s | 6000          | 7200                   | 256              | 3.5"        | OK 2016/12/28      |
| IronWolf Pro        | ST6000NE0023  | SATA 6.0Gb/s | 6000          | 7200                   | 128              | 3.5"        | OK 2016/10/17      |
| IronWolf Pro        | ST4000NE0025  | SATA 6.0Gb/s | 4000          | 7200                   | 256              | 3.5"        | OK 2016/10/17      |
| IronWolf Pro        | ST2000NE0025  | SATA 6.0Gb/s | 2000          | 7200                   | 128              | 3.5"        | OK 2016/10/17      |
| Enterprise Capacity | ST4000NM0035  | SATA 6.0Gb/s | 4000          | 7200                   | 128              | 3.5"        | OK 2017/05/19      |
| Enterprise Capacity | ST4000NM0045  | SATA 6.0Gb/s | 4000          | 7200                   | 128              | 3.5"        | OK 2017/05/19      |
| Enterprise Capacity | ST4000NM0105  | SATA 6.0Gb/s | 4000          | 7200                   | 128              | 3.5"        | OK 2017/05/19      |
| Enterprise Capacity | ST3000NM0005  | SATA 6.0Gb/s | 3000          | 7200                   | 128              | 3.5"        | OK 2017/05/19      |
| Enterprise Capacity | ST3000NM0015  | SATA 6.0Gb/s | 3000          | 7200                   | 128              | 3.5"        | OK 2017/05/19      |
| Enterprise Capacity | ST3000NM0055  | SATA 6.0Gb/s | 3000          | 7200                   | 128              | 3.5"        | OK 2017/05/19      |
| Enterprise Capacity | ST2000NM0055  | SATA 6.0Gb/s | 2000          | 7200                   | 128              | 3.5"        | OK 2017/05/19      |
| Enterprise Capacity | ST2000NM0065  | SATA 6.0Gb/s | 2000          | 7200                   | 128              | 3.5"        | OK 2017/05/19      |
| Enterprise Capacity | ST1000NM0055  | SATA 6.0Gb/s | 1000          | 7200                   | 128              | 3.5"        | OK 2017/05/19      |
| Enterprise Capacity | ST1000NM0065  | SATA 6.0Gb/s | 1000          | 7200                   | 128              | 3.5"        | OK 2017/05/19      |
| Constellation ES.3  | ST6000NM0024  | SATA 6.0Gb/s | 6000          | 7200                   | 128              | 3.5"        | OK 2015/08/28 (9)  |
| Constellation ES.3  | ST5000NM0024  | SATA 6.0Gb/s | 5000          | 7200                   | 128              | 3.5"        | OK 2015/08/28      |
| Constellation ES.3  | ST4000NM0024  | SATA 6.0Gb/s | 4000          | 7200                   | 128              | 3.5"        | OK 2015/08/28      |
| Constellation ES.3  | ST2000NM0024  | SATA 6.0Gb/s | 2000          | 7200                   | 128              | 3.5"        | OK 2015/08/28      |
| Terascale HDD       | ST4000NC000   | SATA 6.0Gb/s | 4000          | 5900                   | 64               | 3.5"        | OK 2015/08/28      |
| Terascale HDD       | ST4000NC001   | SATA 6.0Gb/s | 4000          | 5900                   | 64               | 3.5"        | OK 2015/08/28      |
| Video HDD           | ST4000VM000   | SATA 6.0Gb/s | 4000          | 5900                   | 64               | 3.5"        | OK 2015/08/28      |
| Video HDD           | ST3000VM002   | SATA 6.0Gb/s | 3000          | 5900                   | 64               | 3.5"        | OK 2015/08/28      |
| Video HDD           | ST2000VM003   | SATA 6.0Gb/s | 2000          | 5900                   | 64               | 3.5"        | OK 2015/08/28      |

# W5810 Series HDD/SSD Compatibility List

|                    |              |              |      |      |     |      |                       |
|--------------------|--------------|--------------|------|------|-----|------|-----------------------|
| Video HDD          | ST1000VM002  | SATA 6.0Gb/s | 1000 | 5900 | 64  | 3.5" | OK 2015/08/28         |
| Enterprise NAS HDD | ST6000VN0001 | SATA 6.0Gb/s | 6000 | 7200 | 128 | 3.5" | OK 2015/03/12         |
| Enterprise NAS HDD | ST5000VN0001 | SATA 6.0Gb/s | 5000 | 7200 | 128 | 3.5" | OK 2015/03/12         |
| Enterprise NAS HDD | ST4000VN0001 | SATA 6.0Gb/s | 4000 | 7200 | 128 | 3.5" | OK 2015/03/12         |
| Enterprise NAS HDD | ST3000VN0001 | SATA 6.0Gb/s | 3000 | 7200 | 128 | 3.5" | OK 2015/03/12         |
| Enterprise NAS HDD | ST2000VN0001 | SATA 6.0Gb/s | 2000 | 7200 | 128 | 3.5" | OK 2015/03/12         |
| Enterprise NAS HDD | ST6000VN0011 | SATA 6.0Gb/s | 6000 | 7200 | 128 | 3.5" | OK 2015/03/12         |
| Enterprise NAS HDD | ST5000VN0011 | SATA 6.0Gb/s | 5000 | 7200 | 128 | 3.5" | OK 2015/03/12         |
| Enterprise NAS HDD | ST4000VN0011 | SATA 6.0Gb/s | 4000 | 7200 | 128 | 3.5" | OK 2015/03/12         |
| Enterprise NAS HDD | ST3000VN0011 | SATA 6.0Gb/s | 3000 | 7200 | 128 | 3.5" | OK 2015/03/12         |
| Enterprise NAS HDD | ST2000VN0011 | SATA 6.0Gb/s | 2000 | 7200 | 128 | 3.5" | OK 2015/03/12         |
| Enterprise HDD     | ST8000NM0055 | SATA 6.0Gb/s | 8000 | 7200 | 256 | 3.5" | OK 2015/09/30 (*9*10) |
| Enterprise HDD     | ST6000NM0065 | SATA 6.0Gb/s | 6000 | 7200 | 256 | 3.5" | OK 2015/09/30 (*9*10) |
| Enterprise HDD     | ST8000NE0001 | SATA 6.0Gb/s | 8000 | 7200 | 256 | 3.5" | OK 2015/11/30 (*9*10) |
| Enterprise HDD     | ST8000NE0011 | SATA 6.0Gb/s | 6000 | 7200 | 256 | 3.5" | OK 2015/11/30 (*9*10) |
| Enterprise NAS HDD | ST8000VN0002 | SATA 6.0Gb/s | 8000 | 7200 | 256 | 3.5" | OK 2015/12/31 (*9*10) |
| Enterprise NAS HDD | ST8000VN0012 | SATA 6.0Gb/s | 8000 | 7200 | 256 | 3.5" | OK 2015/12/31 (*9*10) |
| Enterprise NAS HDD | ST6000VN0021 | SATA 6.0Gb/s | 6000 | 7200 | 256 | 3.5" | OK 2015/12/31 (*9*10) |
| Enterprise NAS HDD | ST6000VN0031 | SATA 6.0Gb/s | 6000 | 7200 | 256 | 3.5" | OK 2015/12/31 (*9*10) |
| Enterprise NAS HDD | ST6000NE0003 | SATA 6.0Gb/s | 6000 | 7200 | 256 | 3.5" | OK 2016/10/17         |
| Enterprise NAS HDD | ST4000NE0015 | SATA 6.0Gb/s | 4000 | 7200 | 128 | 3.5" | OK 2016/10/17         |
| Enterprise NAS HDD | ST2000NE0015 | SATA 6.0Gb/s | 2000 | 7200 | 128 | 3.5" | OK 2016/10/17         |

# W5810 Series HDD/SSD Compatibility List

## Toshiba

| Series      | Model       | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|-------------|-------------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| MN SERIES   | MN06ACA10T  | SATA 6.0Gb/s | 10000         | 7200                   | 256              | 3.5"        | OK 2018/09/01      |
| MN SERIES   | MN05ACA800  | SATA 6.0Gb/s | 8000          | 7200                   | 128              | 3.5"        | OK 2018/09/01      |
| MN SERIES   | MN05ACA600  | SATA 6.0Gb/s | 6000          | 7200                   | 128              | 3.5"        | OK 2018/09/01      |
| MN SERIES   | MN04ACA400  | SATA 6.0Gb/s | 4000          | 7200                   | 128              | 3.5"        | OK 2018/09/01      |
| MG04        | MG04ACA400N | SATA 6.0Gb/s | 4000          | 7200                   | 128              | 3.5"        | OK 2017/10/03      |
| MG04        | MG04ACA200N | SATA 6.0Gb/s | 2000          | 7200                   | 128              | 3.5"        | OK 2017/10/03      |
| MG04        | MG04ACA100N | SATA 6.0Gb/s | 1000          | 7200                   | 128              | 3.5"        | OK 2017/10/03      |
| MG05ACAx00E | MG05ACA800E | SATA 6.0Gb/s | 8000          | 7200                   | 128              | 3.5"        | OK 2016/12/28      |
| MG05ACAx00E | MG05ACA600E | SATA 6.0Gb/s | 6000          | 7200                   | 128              | 3.5"        | OK 2016/12/28      |

# W5810 Series HDD/SSD Compatibility List

## Western Digital

| Series             | Model           | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|--------------------|-----------------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| Ultrastar DC HC520 | HUH721212ALE600 | SATA 6.0Gb/s | 12000         | 7200                   | 256              | 3.5"        | OK 2017/10/03      |
| Ultrastar DC HC520 | HUH721212ALE604 | SATA 6.0Gb/s | 12000         | 7200                   | 256              | 3.5"        | OK 2017/10/03      |
| Ultrastar DC HC510 | HUH721010ALE604 | SATA 6.0Gb/s | 10000         | 7200                   | 256              | 3.5"        | OK 2016/08/25      |
| Ultrastar DC HC510 | HUH721010ALE600 | SATA 6.0Gb/s | 10000         | 7200                   | 256              | 3.5"        | OK 2016/08/25      |
| Ultrastar DC HC510 | HUH721008ALE600 | SATA 6.0Gb/s | 8000          | 7200                   | 256              | 3.5"        | OK 2016/08/25      |
| Ultrastar DC HC320 | HUS728T8TAL5204 | SAS 12.0Gb/s | 8000          | 7200                   | 256              | 3.5"        | OK 2018/09/01      |
| Ultrastar DC HC310 | HUS726T6TALE6L4 | SATA 6.0Gb/s | 6000          | 7200                   | 256              | 2.5"        | OK 2018/04/17      |
| Ultrastar DC HC310 | HUS726T4TALE6L4 | SATA 6.0Gb/s | 4000          | 7200                   | 256              | 2.5"        | OK 2018/04/17      |
| WD Gold            | WD121KRYZ       | SATA 6.0Gb/s | 12000         | 7200                   | 256              | 3.5"        | OK 2017/10/03      |
| WD Gold            | WD101KRYZ       | SATA 6.0Gb/s | 10000         | 7200                   | 256              | 3.5"        | OK 2016/08/25      |
| WD Gold            | WD8002FRYZ      | SATA 6.0Gb/s | 8000          | 7200                   | 128              | 3.5"        | OK 2016/09/22      |
| WD Gold            | WD6002FRYZ      | SATA 6.0Gb/s | 6000          | 7200                   | 128              | 3.5"        | OK 2016/09/22      |
| WD Gold            | WD4002FYYZ      | SATA 6.0Gb/s | 4000          | 7200                   | 128              | 3.5"        | OK 2016/09/22      |
| WD Gold            | WD2004FBYZ      | SATA 6.0Gb/s | 2000          | 7200                   | 128              | 3.5"        | OK 2016/10/17      |
| WD Gold            | WD1004FBYZ      | SATA 6.0Gb/s | 1000          | 7200                   | 128              | 3.5"        | OK 2016/10/17      |
| WD SE              | WD4000F9YZ      | SATA 6.0Gb/s | 4000          | 7200                   | 64               | 3.5"        | OK 2015/08/28      |
| WD SE              | WD3000F9YZ      | SATA 6.0Gb/s | 3000          | 7200                   | 64               | 3.5"        | OK 2015/08/28      |
| WD SE              | WD2000F9YZ      | SATA 6.0Gb/s | 2000          | 7200                   | 64               | 3.5"        | OK 2015/08/28      |
| WD SE              | WD1002F9YZ      | SATA 6.0Gb/s | 1000          | 1000                   | 128              | 3.5"        | OK 2015/08/28      |
| WD RED PRO         | WD8003FFBX      | SATA 6.0Gb/s | 8000          | 7200                   | 256              | 3.5"        | OK 2018/06/11      |

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|            |            |              |       |               |     |      |                   |
|------------|------------|--------------|-------|---------------|-----|------|-------------------|
| WD RED PRO | WD101KFBX  | SATA 6.0Gb/s | 10000 | 7200          | 256 | 3.5" | OK 2017/05/19     |
| WD RED PRO | WD8001FFWX | SATA 6.0Gb/s | 8000  | 7200          | 128 | 3.5" | OK 2016/07/21     |
| WD RED PRO | WD6003FEBX | SATA 6.0Gb/s | 6000  | 7200          | 256 | 3.5" | OK 2018/04/17     |
| WD RED PRO | WD4003FEBX | SATA 6.0Gb/s | 4000  | 7200          | 256 | 3.5" | OK 2018/04/17     |
| WD RED PRO | WD6002FFWX | SATA 6.0Gb/s | 6000  | 7200          | 128 | 3.5" | OK 2016/05/03     |
| WD RED PRO | WD4002FFWX | SATA 6.0Gb/s | 4000  | 7200          | 128 | 3.5" | OK 2016/05/03     |
| WD RED PRO | WD6001FFWX | SATA 6.0Gb/s | 6000  | 7200          | 128 | 3.5" | OK 2015/08/28 (9) |
| WD RED PRO | WD5001FFWX | SATA 6.0Gb/s | 5000  | 7200          | 128 | 3.5" | OK 2015/08/28     |
| WD RED PRO | WD4001FFSX | SATA 6.0Gb/s | 4000  | 7200          | 64  | 3.5" | OK 2015/08/28     |
| WD RED PRO | WD3001FFSX | SATA 6.0Gb/s | 3000  | 7200          | 64  | 3.5" | OK 2015/08/28     |
| WD RED PRO | WD2001FFSX | SATA 6.0Gb/s | 2000  | 7200          | 64  | 3.5" | OK 2015/08/28     |
| WD Purple  | WD6NPURX   | SATA 6.0Gb/s | 6000  | IntelliPower™ | 64  | 3.5" | OK 2015/08/28 (9) |
| WD Purple  | WD4NPURX   | SATA 6.0Gb/s | 4000  | IntelliPower™ | 64  | 3.5" | OK 2015/08/28     |
| WD RED PRO | WD2002FFSX | SATA 6.0Gb/s | 2000  | 7200          | 64  | 3.5" | OK 2015/11/13     |
| WD RE      | WD2005FBYZ | SATA 6.0Gb/s | 2000  | 7200          | 128 | 3.5" | OK 2016/10/17     |
| WD RE      | WD1005FBYZ | SATA 6.0Gb/s | 1000  | 7200          | 128 | 3.5" | OK 2016/10/17     |



# W5810 Series HDD/SSD Compatibility List

|                      |                     |
|----------------------|---------------------|
| <b>Consumer:</b>     | (note 2)            |
| <b>Environment:</b>  | Small office / Home |
| <b>Availability:</b> | 8 Hours / day       |
| <b>Reliability:</b>  | Moderate            |

## Afaya SSD

| Series | Model    | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|--------|----------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| HFD    | HFD128GB | SATA 3.0Gb/s | 128           | SSD                    | -                | 2.5"        | OK 2016/03/08      |

## Apacer SSD

| Series            | Model            | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|-------------------|------------------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| Apacer Industrial | APS25P6B128G-DCM | SATA 3.0Gb/s | 128           | SSD                    | -                | 2.5"        | OK 2016/03/08      |

## CORSAIR SSD

| Series             | Model | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|--------------------|-------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| Neutron Series GTX | 120GB | SATA 6.0Gb/s | 120           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| Neutron Series GTX | 240GB | SATA 6.0Gb/s | 240           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| Neutron Series GTX | 480GB | SATA 6.0Gb/s | 480           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| Force Series GS    | 128GB | SATA 6.0Gb/s | 128           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| Force Series GS    | 180GB | SATA 6.0Gb/s | 180           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| Force Series GS    | 240GB | SATA 6.0Gb/s | 240           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| Force Series GS    | 360GB | SATA 6.0Gb/s | 360           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| Force Series GS    | 480GB | SATA 6.0Gb/s | 480           | SSD                    | -                | 2.5"        | OK 2016/03/08      |

# W5810 Series HDD/SSD Compatibility List

## CRUCIAL SSD

| Series  | Model          | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|---------|----------------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| MX100   | CT512MX100SSD1 | SATA 6.0Gb/s | 512           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| MX100   | CT256MX100SSD1 | SATA 6.0Gb/s | 256           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| MX100   | CT128MX100SSD1 | SATA 6.0Gb/s | 128           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| M4 SATA | CT512M4SSD2    | SATA 6.0Gb/s | 512           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| M4 SATA | CT256M4SSD2    | SATA 6.0Gb/s | 256           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| M4 SATA | CT128M4SSD2    | SATA 6.0Gb/s | 128           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| M4 SATA | CT064M4SSD2    | SATA 6.0Gb/s | 64            | SSD                    | -                | 2.5"        | OK 2016/03/08      |

## HGST

| Series       | Model              | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|--------------|--------------------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| Deskstar     | HDN721010ALE604    | SATA 6.0Gb/s | 10000         | 7200                   | 256              | 3.5"        | OK 2017/09/01      |
| Deskstar     | HDN728080ALE604    | SATA 6.0Gb/s | 8000          | 7200                   | 128              | 3.5"        | OK 2017/09/01      |
| Deskstar NAS | HDN728080ALE604    | SATA 6.0Gb/s | 8000          | 7200                   | 128              | 3.5"        | OK 2017/05/19      |
| Deskstar NAS | H3IKNAS800012872SW | SATA 6.0Gb/s | 8000          | 7200                   | 128              | 3.5"        | OK 2017/05/19      |

## MemoRight SSD

| Series            | Model    | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|-------------------|----------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| Commercial Series | FTM Plus | SATA 6.0Gb/s | 480           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| Commercial Series | FTM Plus | SATA 6.0Gb/s | 240           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| Commercial Series | FTM Plus | SATA 6.0Gb/s | 120           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| Commercial Series | FTM Plus | SATA 6.0Gb/s | 60            | SSD                    | -                | 2.5"        | OK 2016/03/08      |

# W5810 Series HDD/SSD Compatibility List

## OCZ SSD

| Series   | Model              | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|----------|--------------------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| VERTEX 4 | VTX4-25SAT3-64G    | SATA 6.0Gb/s | 64            | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| VERTEX 4 | VTX4-25SAT3-128G   | SATA 6.0Gb/s | 128           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| VERTEX 4 | VTX4-25SAT3-256G   | SATA 6.0Gb/s | 256           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| VERTEX 4 | VTX4-25SAT3-512G   | SATA 6.0Gb/s | 512           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| ARC100   | ARC100-25SAT3-480G | SATA 6.0Gb/s | 480           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| ARC100   | ARC100-25SAT3-240G | SATA 6.0Gb/s | 240           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| ARC100   | ARC100-25SAT3-120G | SATA 6.0Gb/s | 120           | SSD                    | -                | 2.5"        | OK 2016/03/08      |

## Samsung SSD

| Series      | Model     | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|-------------|-----------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| SSD 850 PRO | MZ-7KE1T0 | SATA 6.0Gb/s | 1000          | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| SSD 850 PRO | MZ-7KE512 | SATA 6.0Gb/s | 512           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| SSD 850 PRO | MZ-7KE256 | SATA 6.0Gb/s | 256           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| SSD 850 PRO | MZ-7KE128 | SATA 6.0Gb/s | 128           | SSD                    | -                | 2.5"        | OK 2016/03/08      |

## SanDisk SSD

| Series             | Model        | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|--------------------|--------------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| SanDisk X110       | SD6SB1M1     | SATA 6.0Gb/s | 256           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| SanDisk X110       | SD6SB1M1     | SATA 6.0Gb/s | 128           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| SanDisk X110       | SD6SB1M1     | SATA 6.0Gb/s | 64            | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| SanDisk Ultra Plus | SDSSDH22     | SATA 6.0Gb/s | 256           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| SanDisk Ultra Plus | SDSSDHP-128G | SATA 6.0Gb/s | 128           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| SanDisk Ultra Plus | SDSSDHP-064G | SATA 6.0Gb/s | 64            | SSD                    | -                | 2.5"        | OK 2016/03/08      |

# W5810 Series HDD/SSD Compatibility List

## Toshiba SSD

| Series | Model         | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|--------|---------------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| HG5d   | THNSNH512GCST | SATA 6.0Gb/s | 512           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| HG5d   | THNSNH256GCST | SATA 6.0Gb/s | 256           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| HG5d   | THNSNH128GCST | SATA 6.0Gb/s | 128           | SSD                    | -                | 2.5"        | OK 2016/03/08      |
| HG5d   | THNSNH60GCST  | SATA 6.0Gb/s | 60            | SSD                    | -                | 2.5"        | OK 2016/03/08      |

## WD SSD

| Series  | Model       | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|---------|-------------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| WD BLUE | WDS200T2B0A | SATA 6.0Gb/s | 2000          | SSD                    | -                | 2.5"        | OK 2018/04/017     |
| WD BLUE | WDS100T2B0A | SATA 6.0Gb/s | 1000          | SSD                    | -                | 2.5"        | OK 2018/04/017     |
| WD BLUE | WDS500G2B0A | SATA 6.0Gb/s | 500           | SSD                    | -                | 2.5"        | OK 2018/04/017     |
| WD BLUE | WDS250G2B0A | SATA 6.0Gb/s | 250           | SSD                    | -                | 2.5"        | OK 2018/04/017     |

## Toshiba

| Series | Model      | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|--------|------------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| NAS    | MN05ACA800 | SATA 6.0Gb/s | 8000          | 7200                   | 128              | 3.5"        | OK 2017/06/23      |
| NAS    | MN05ACA600 | SATA 6.0Gb/s | 6000          | 7200                   | 128              | 3.5"        | OK 2017/06/23      |
| NAS    | MN05ACA400 | SATA 6.0Gb/s | 4000          | 7200                   | 128              | 3.5"        | OK 2017/06/23      |
| NAS    | MN04ACA400 | SATA 6.0Gb/s | 4000          | 7200                   | 128              | 3.5"        | OK 2017/06/23      |

# W5810 Series HDD/SSD Compatibility List

## Seagate

| Series    | Model         | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|-----------|---------------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| IronWolf  | ST14000VN0008 | SATA 6.0Gb/s | 14000         | 7200                   | 256              | 3.5"        | OK 2018/09/01      |
| IronWolf  | ST12000VN0008 | SATA 6.0Gb/s | 12000         | 7200                   | 256              | 3.5"        | OK 2018/09/01      |
| IronWolf  | ST10000VN0008 | SATA 6.0Gb/s | 10000         | 7200                   | 256              | 3.5"        | OK 2018/09/01      |
| IronWolf  | ST12000VN0007 | SATA 6.0Gb/s | 12000         | 7200                   | 256              | 3.5"        | OK 2017/10/03      |
| IronWolf  | ST10000VN0004 | SATA 6.0Gb/s | 10000         | 7200                   | 256              | 3.5"        | OK 2017/10/03      |
| IronWolf  | ST8000VN0022  | SATA 6.0Gb/s | 8000          | 7200                   | 256              | 3.5"        | OK 2015/12/31      |
| IronWolf  | ST6000VN0033  | SATA 6.0Gb/s | 6000          | 7200                   | 256              | 3.5"        | OK 2017/09/01      |
| IronWolf  | ST6000VN0041  | SATA 6.0Gb/s | 6000          | 7200                   | 128              | 3.5"        | OK 2016/12/28      |
| IronWolf  | ST4000VN008   | SATA 6.0Gb/s | 4000          | 5900                   | 64               | 3.5"        | OK 2016/12/28      |
| IronWolf  | ST1000VN002   | SATA 6.0Gb/s | 1000          | 5900                   | 64               | 3.5"        | OK 2016/11/16      |
| IronWolf  | ST2000VN004   | SATA 6.0Gb/s | 2000          | 5900                   | 64               | 3.5"        | OK 2015/12/31      |
| IronWolf  | ST3000VN007   | SATA 6.0Gb/s | 3000          | 5900                   | 64               | 3.5"        | OK 2016/06/27      |
| SkyHawk   | ST10000VX0004 | SATA 6.0Gb/s | 10000         | 7200                   | 256              | 3.5"        | OK 2016/08/25      |
| SkyHawk   | ST6000VX0023  | SATA 6.0Gb/s | 6000          | 7200                   | 256              | 3.5"        | OK 2017/12/15      |
| SkyHawk   | ST3000VX010   | SATA 6.0Gb/s | 3000          | 7200                   | 64               | 3.5"        | OK 2016/08/25      |
| SkyHawk   | ST2000VX008   | SATA 6.0Gb/s | 2000          | 7200                   | 64               | 3.5"        | OK 2016/08/25      |
| SkyHawk   | ST1000VX005   | SATA 6.0Gb/s | 1000          | 7200                   | 64               | 3.5"        | OK 2016/08/25      |
| Video HDD | ST4000VM000   | SATA 6.0Gb/s | 4000          | 5900                   | 64               | 3.5"        | OK 2015/08/28      |
| Video HDD | ST3000VM002   | SATA 6.0Gb/s | 3000          | 5900                   | 64               | 3.5"        | OK 2015/08/28      |
| Video HDD | ST2000VM003   | SATA 6.0Gb/s | 2000          | 5900                   | 64               | 3.5"        | OK 2015/08/28      |
| Video HDD | ST1000VM002   | SATA 6.0Gb/s | 1000          | 5900                   | 64               | 3.5"        | OK 2015/08/28      |

# W5810 Series HDD/SSD Compatibility List

|         |              |              |      |      |     |      |               |
|---------|--------------|--------------|------|------|-----|------|---------------|
| NAS HDD | ST6000VN0021 | SATA 6.0Gb/s | 6000 | 7200 | 128 | 3.5" | OK 2015/09/30 |
| NAS HDD | ST6000VN0031 | SATA 6.0Gb/s | 6000 | 7200 | 128 | 3.5" | OK 2015/09/30 |
| NAS HDD | ST4000VN000  | SATA 6.0Gb/s | 4000 | 5900 | 64  | 3.5" | OK 2016/06/27 |
| NAS HDD | ST4000VN003  | SATA 6.0Gb/s | 4000 | 5900 | 64  | 3.5" | OK 2016/06/27 |
| NAS HDD | ST3000VN000  | SATA 6.0Gb/s | 3000 | 5900 | 64  | 3.5" | OK 2016/06/27 |
| NAS HDD | ST2000VN000  | SATA 6.0Gb/s | 2000 | 5900 | 64  | 3.5" | OK 2015/12/31 |
| NAS HDD | ST2000VN001  | SATA 6.0Gb/s | 2000 | 5900 | 64  | 3.5" | OK 2015/12/31 |
| NAS HDD | ST1000VN000  | SATA 6.0Gb/s | 1000 | 5900 | 64  | 3.5" | OK 2016/11/16 |
| NAS HDD | ST1000VN001  | SATA 6.0Gb/s | 1000 | 5900 | 64  | 3.5" | OK 2016/11/16 |
| NAS HDD | ST8000VN0002 | SATA 6.0Gb/s | 8000 | 7200 | 256 | 3.5" | OK 2015/12/31 |
| NAS HDD | ST8000VN0012 | SATA 6.0Gb/s | 8000 | 7200 | 256 | 3.5" | OK 2015/12/31 |
| NAS HDD | ST6000VN0021 | SATA 6.0Gb/s | 6000 | 7200 | 256 | 3.5" | OK 2015/12/31 |
| NAS HDD | ST6000VN0031 | SATA 6.0Gb/s | 6000 | 7200 | 256 | 3.5" | OK 2015/12/31 |

# W5810 Series HDD/SSD Compatibility List

## Western Digital

| Series    | Model     | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated *    |
|-----------|-----------|--------------|---------------|------------------------|------------------|-------------|-----------------------|
| WD Red    | WD80EFAX  | SATA 6.0Gb/s | 8000          | 5400                   | 256              | 3.5"        | OK 2018/06/11 (11)    |
| WD Red    | WD100EFAX | SATA 6.0Gb/s | 10000         | 5400                   | 256              | 3.5"        | OK 2017/05/19 (11)    |
| WD Red    | WD80EFZX  | SATA 6.0Gb/s | 8000          | 5400                   | 128              | 3.5"        | OK 2015/04/11 (10,11) |
| WD Red    | WD60EFRX  | SATA 6.0Gb/s | 6000          | IntelliPower™          | 64               | 3.5"        | OK 2015/08/28 (10,11) |
| WD Red    | WD50EFRX  | SATA 6.0Gb/s | 5000          | IntelliPower™          | 64               | 3.5"        | OK 2015/08/28 (10,11) |
| WD Red    | WD40EFRX  | SATA 6.0Gb/s | 4000          | IntelliPower™          | 64               | 3.5"        | OK 2016/11/16 (11)    |
| WD Red    | WD30EFRX  | SATA 6.0Gb/s | 3000          | IntelliPower™          | 64               | 3.5"        | OK 2015/08/28 (11)    |
| WD Red    | WD20EFRX  | SATA 6.0Gb/s | 2000          | IntelliPower™          | 64               | 3.5"        | OK 2015/08/28 (11)    |
| WD Red    | WD10EFRX  | SATA 6.0Gb/s | 1000          | IntelliPower™          | 64               | 3.5"        | OK 2015/08/28 (11)    |
| WD Purple | WD80EJRX  | SATA 6.0Gb/s | 8000          | 5400                   | 128              | 3.5"        | OK 2017/05/25         |
| WD Purple | WD60EJRX  | SATA 6.0Gb/s | 6000          | 5400                   | 64               | 3.5"        | OK 2017/05/25         |
| WD Purple | WD40EJRX  | SATA 6.0Gb/s | 4000          | 5400                   | 64               | 3.5"        | OK 2017/05/25         |
| WD Purple | WD30EJRX  | SATA 6.0Gb/s | 3000          | 5400                   | 64               | 3.5"        | OK 2017/05/25         |
| WD Purple | WD20EJRX  | SATA 6.0Gb/s | 2000          | 5400                   | 64               | 3.5"        | OK 2017/05/25         |
| WD Purple | WD10EJRX  | SATA 6.0Gb/s | 1000          | 5400                   | 64               | 3.5"        | OK 2017/05/25         |
| WD Purple | WD100PURZ | SATA 6.0Gb/s | 10000         | 5400                   | 256              | 3.5"        | OK 2017/08/14         |
| WD Purple | WD81PURZ  | SATA 6.0Gb/s | 8000          | 5400                   | 128              | 3.5"        | OK 2018/08/01         |
| WD Purple | WD80PURZ  | SATA 6.0Gb/s | 8000          | 5400                   | 128              | 3.5"        | OK 2017/05/25         |
| WD Purple | WD60PURZ  | SATA 6.0Gb/s | 6000          | 5400                   | 64               | 3.5"        | OK 2017/05/25         |
| WD Purple | WD40PURZ  | SATA 6.0Gb/s | 4000          | 5400                   | 64               | 3.5"        | OK 2017/05/25         |
| WD Purple | WD30PURZ  | SATA 6.0Gb/s | 3000          | 5400                   | 64               | 3.5"        | OK 2017/05/25         |
| WD Purple | WD20PURZ  | SATA 6.0Gb/s | 2000          | 5400                   | 64               | 3.5"        | OK 2017/05/25         |
| WD Purple | WD10PURZ  | SATA 6.0Gb/s | 1000          | 5400                   | 64               | 3.5"        | OK 2017/05/25         |
| WD Purple | WD80PUZX  | SATA 6.0Gb/s | 8000          | 5400                   | 128              | 3.5"        | OK 2016/06/08         |

# W5810 Series HDD/SSD Compatibility List

|                        |                                      |
|------------------------|--------------------------------------|
| <b>Not recommended</b> |                                      |
| Environment:           | Not recommended for RAID environment |
| Availability:          | Not recommended for RAID environment |
| Reliability:           | Not recommended for RAID environment |

## Seagate

| Series      | Model        | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated *  |
|-------------|--------------|--------------|---------------|------------------------|------------------|-------------|---------------------|
| Archive HDD | ST8000AS0002 | SATA 6.0Gb/s | 8000          | 7200                   | 128              | 3.5"        | Not recommend (*18) |
| Archive HDD | ST6000AS0002 | SATA 6.0Gb/s | 6000          | 7200                   | 128              | 3.5"        | Not recommend (*18) |
| Archive HDD | ST5000AS0011 | SATA 6.0Gb/s | 5000          | 7200                   | 128              | 3.5"        | Not recommend (*18) |

## Western Digital

| Series          | Model      | Interface    | Capacity (GB) | Rotational Speed (RPM) | Buffer Size (MB) | Form Factor | Recently Updated * |
|-----------------|------------|--------------|---------------|------------------------|------------------|-------------|--------------------|
| WD Caviar Black | WD2002FAEX | SATA 6.0Gb/s | 2000          | 7200                   | 64               | 3.5"        | Not recommend(*7)  |
| WD Caviar Black | WD1502FAEX | SATA 6.0Gb/s | 1500          | 7200                   | 64               | 3.5"        | Not recommend(*7)  |
| WD Caviar Black | WD2002FAEX | SATA 6.0Gb/s | 2000          | 7200                   | 64               | 3.5"        | Not recommend(*7)  |
| WD Caviar Black | WD1502FAEX | SATA 6.0Gb/s | 1500          | 7200                   | 64               | 3.5"        | Not recommend(*7)  |
| WD Caviar Black | WD1002FAEX | SATA 6.0Gb/s | 1000          | 7200                   | 64               | 3.5"        | Not recommend(*7)  |
| WD Caviar Black | WD6402AAEX | SATA 6.0Gb/s | 640           | 7200                   | 64               | 3.5"        | Not recommend(*7)  |
| WD Caviar Black | WD2001FASS | SATA 3.0Gb/s | 2000          | 7200                   | 64               | 3.5"        | Not recommend(*7)  |
| WD Caviar Blue  | WD10EALX   | SATA 6.0Gb/s | 1000          | 7200                   | 32               | 3.5"        | Not recommend(*7)  |
| WD Caviar Blue  | WD7500AALX | SATA 6.0Gb/s | 750           | 7200                   | 32               | 3.5"        | Not recommend(*7)  |
| WD Caviar Blue  | WD5000AAKX | SATA 6.0Gb/s | 500           | 7200                   | 16               | 3.5"        | Not recommend(*7)  |
| WD Caviar Blue  | WD10EALS   | SATA 3.0Gb/s | 1000          | 7200                   | 32               | 3.5"        | Not recommend(*7)  |



## W5810 Series HDD/SSD Compatibility List

|                 |          |              |      |               |    |      |                   |
|-----------------|----------|--------------|------|---------------|----|------|-------------------|
| WD Caviar Green | WD20EARX | SATA 6.0Gb/s | 2000 | IntelliPower™ | 64 | 3.5" | Not recommend(*7) |
| WD Caviar Green | WD15EARX | SATA 6.0Gb/s | 1500 | IntelliPower™ | 64 | 3.5" | Not recommend(*7) |
| WD Caviar Green | WD10EARX | SATA 6.0Gb/s | 1000 | IntelliPower™ | 64 | 3.5" | Not recommend(*7) |
| WD Caviar Green | WD20EARS | SATA 3.0Gb/s | 2000 | IntelliPower™ | 64 | 3.5" | Not recommend(*7) |
| WD Caviar Green | WD15EARS | SATA 3.0Gb/s | 1500 | IntelliPower™ | 64 | 3.5" | Not recommend(*7) |
| WD Caviar Green | WD10EARS | SATA 3.0Gb/s | 1000 | IntelliPower™ | 64 | 3.5" | Not recommend(*7) |
| WD Caviar Green | WD20EADS | SATA 3.0Gb/s | 2000 | IntelliPower™ | 32 | 3.5" | Not recommend(*7) |
| WD Caviar Green | WD15EADS | SATA 3.0Gb/s | 1500 | IntelliPower™ | 32 | 3.5" | Not recommend(*7) |
| WD Caviar Green | WD10EADS | SATA 3.0Gb/s | 1000 | IntelliPower™ | 32 | 3.5" | Not recommend(*7) |
| WD AV-GP        | WD20EVDS | SATA 3.0Gb/s | 2000 | IntelliPower™ | 32 | 3.5" | Not recommend(*7) |

## Notes:

1. It's recommended to have the newest available firmware installed on the NAS.
2. For business critical environments, we HIGHLY RECOMMEND using enterprise HDD'S:
  - Enterprise versus Desktop HDD's (Intel)  
[ftp://download.intel.com/support/motherboards/server/sb/enterprise\\_class\\_versus\\_desktop\\_class\\_hard\\_drives\\_.pdf](ftp://download.intel.com/support/motherboards/server/sb/enterprise_class_versus_desktop_class_hard_drives_.pdf)
  - Western Digital TLER  
<http://www.wdc.com/en/library/other/2579-001098.pdf>
  - Seagate ERC / CCTL  
[http://knowledge.seagate.com/articles/en\\_US/FAQ/203991en?language=en\\_US](http://knowledge.seagate.com/articles/en_US/FAQ/203991en?language=en_US)
3. The listed HDD's have all been tested in room temperature environments.
4. Please keep the NAS in an airconditioned environment.
5. Thecus does NOT guarantee any RAID data safety and the NAS storage administrator should back up important data regularly.
6. The OS5 X64 EXT4 File System support single RAID volume over 16TB.
7. WD has suggested not to use the desktop consumer hard disk in business-critical RAID environments because the drives may not work correctly.  
[For more detail, please refer to http://wdc.custhelp.com/app/answers/detail/a\\_id/1397](http://wdc.custhelp.com/app/answers/detail/a_id/1397)
8. For Seagate ST3000DM001, ST2000DM001, ST1500DM003 & ST1000DM003 series with part number 9YN16x, please confirm the HDD firmware been updated or check from the Download Finder.
  - \* [http://knowledge.seagate.com/articles/en\\_US/FAQ/223651en](http://knowledge.seagate.com/articles/en_US/FAQ/223651en)
  - \* [https://apps1.seagate.com/downloads/request.html?userPreferredLocaleCookie=en\\_US\\_](https://apps1.seagate.com/downloads/request.html?userPreferredLocaleCookie=en_US_)
9. 6TB or above drives have been designed with new screw hole placements but are still compatible with current HDD trays.  
Please contact your local distributor or Thecus Support directly for more information.
10. The screw depth is 4mm.
11. WD Red Network Hard Drive is designed for consumer RAID products (1~5 bays), thus [strong recommend the RACK/NAS total HDD below 5 HDDs.](#)
12. Unsupported SMR HDD, even it working well in the beginning, but would suffer issues in the long run.