



Recommended HDDs for LS421DE Enclosure

All listed HDD have SATA III (Gbs) interface. Buffalo recommends using the same product model in all populated bays. Original data saved on the added drive(s) will be deleted. Previously used Hard Drives might have different partition sizes. Please delete all existing partitions prior to use. Firmware updates require at least one installed Hard Drive. Although most SATA interface Hard Drives will work with Buffalo LinkStations and TeraStations, Hard Drives listed here were tested for functionality and are therefore recommended. Please only use HDD with CE certification.

WESTERN DIGITAL

| Manufacturer | Type | Model | Part Number | Form Factor | Capacity |
|-----------------|----------|---------|----------------------|-------------|----------|
| Western Digital | Nearline | Re | WD4000FYYZ | 3.5" | 4TB |
| Western Digital | Nearline | Re | WD4000FYYZ - 01UL1B1 | 3.5" | 4TB |
| Western Digital | Nearline | Re | WD3000FYYZ | 3.5" | 3TB |
| Western Digital | Nearline | Re | WD2000FYYZ | 3.5" | 2TB |
| Western Digital | Nearline | Re | WD1003FBYZ | 3.5" | 1TB |
| Western Digital | Nearline | Re | WD1003FBYZ - 010FB0 | 3.5" | 1TB |
| Western Digital | Nearline | Se | WD4000F9YZ | 3.5" | 4TB |
| Western Digital | Nearline | Se | WD4000F9YZ - 09N20L0 | 3.5" | 4TB |
| Western Digital | Nearline | Se | WD3000F9YZ | 3.5" | 3TB |
| Western Digital | Nearline | Se | WD2000F9YZ | 3.5" | 2TB |
| Western Digital | Nearline | Se | WD1002F9YZ | 3.5" | 1TB |
| Western Digital | Nearline | Se | WD1002F9YZ - 09H1JL0 | 3.5" | 1TB |
| Western Digital | NAS | Red Pro | WD8001FFWX - 68J1UN0 | 3.5" | 8TB |
| Western Digital | NAS | Red Pro | WD6002FFWX - 68TZ4N0 | 3.5" | 6TB |
| Western Digital | NAS | Red Pro | WD4001FFSX | 3.5" | 4TB |
| Western Digital | NAS | Red Pro | WD3001FFSX | 3.5" | 3TB |
| Western Digital | NAS | Red Pro | WD2001FFSX | 3.5" | 2TB |
| Western Digital | NAS | Red | WD80EFZX - 68UW8N0 | 3.5" | 8TB |

| | | | | | |
|-----------------|--------------|--------|--------------------|------|-----|
| Western Digital | NAS | Red | WD60EFRX - 68MYMN0 | 3.5" | 6TB |
| Western Digital | NAS | Red | WD60EFRX - 68MYMN1 | 3.5" | 6TB |
| Western Digital | NAS | Red | WD50EFRX - 68MYMN0 | 3.5" | 5TB |
| Western Digital | NAS | Red | WD50EFRX - 68MYMN1 | 3.5" | 5TB |
| Western Digital | NAS | Red | WD40EFRX | 3.5" | 4TB |
| Western Digital | NAS | Red | WD40EFRX - 68WT0N0 | 3.5" | 4TB |
| Western Digital | NAS | Red | WD30EFRX | 3.5" | 3TB |
| Western Digital | NAS | Red | WD30EFRX - 68EUZN0 | 3.5" | 3TB |
| Western Digital | NAS | Red | WD20EFRX | 3.5" | 2TB |
| Western Digital | NAS | Red | WD20EFRX - 68AX9N0 | 3.5" | 2TB |
| Western Digital | NAS | Red | WD20EFRX - 68EUZN0 | 3.5" | 2TB |
| Western Digital | NAS | Red | WD10EFRX | 3.5" | 1TB |
| Western Digital | NAS | Red | WD10EFRX - 68JCSN0 | 3.5" | 1TB |
| Western Digital | NAS | Red | WD10EFRX - 68PJCNO | 3.5" | 1TB |
| Western Digital | Surveillance | Purple | WD80PUZX - 64NEAY0 | 3.5" | 8TB |
| Western Digital | Surveillance | Purple | WD60PURX - 64LZMY0 | 3.5" | 6TB |
| Western Digital | Surveillance | Purple | WD50PURX | 3.5" | 5TB |
| Western Digital | Surveillance | Purple | WD40PURX | 3.5" | 4TB |
| Western Digital | Surveillance | Purple | WD40PURX - 64GVNY0 | 3.5" | 4TB |
| Western Digital | Surveillance | Purple | WD30PURX | 3.5" | 3TB |
| Western Digital | Surveillance | Purple | WD20PURX | 3.5" | 2TB |
| Western Digital | Surveillance | Purple | WD10PURX | 3.5" | 1TB |
| Western Digital | PC | Green | WD60EZRX - 00MVLB1 | 3.5" | 6TB |
| Western Digital | PC | Green | WD50EZRX - 00MVLB1 | 3.5" | 5TB |
| Western Digital | PC | Green | WD40EZRX | 3.5" | 4TB |
| Western Digital | PC | Green | WD40EZRX - 00SPEB0 | 3.5" | 4TB |
| Western Digital | PC | Green | WD30EZRX | 3.5" | 3TB |

| | | | | | |
|-----------------|----|--------------|----------------------|------|-------|
| Western Digital | PC | Green | WD30EZRX - 00D8PB0 | 3.5" | 3TB |
| Western Digital | PC | Green | WD20EZRX | 3.5" | 2TB |
| Western Digital | PC | Green | WD20EZRX - 00D8PB0 | 3.5" | 2TB |
| Western Digital | PC | Green | WD15EZRX - 00DC0B0 | 3.5" | 1.5TB |
| Western Digital | PC | Green | WD10EZRX | 3.5" | 1TB |
| Western Digital | PC | Caviar Black | WD1001FALS - 00J7B0 | 3.5" | 1TB |
| Western Digital | PC | Black | WD4003FZEX - 00Z4SA0 | 3.5" | 4TB |
| Western Digital | PC | Black | WD3003FZEX | 3.5" | 3TB |
| Western Digital | PC | Black | WD2003FZEX | 3.5" | 2TB |
| Western Digital | PC | Black | WD1003FZEX - 00MK2A0 | 3.5" | 1TB |
| Western Digital | PC | Black | WD3001FAEX - 00MJRA0 | 3.5" | 3TB |

SEAGATE

| Manufacturer | Type | Model | Part Number | Form Factor | Capacity |
|--------------|----------|-------------------------|-----------------------|-------------|----------|
| Seagate | Nearline | Archive HDD | ST8000AS0002 - 1NA17Z | 3.5" | 8TB |
| Seagate | Nearline | Archive HDD | ST8000AS0012 | 3.5" | 8TB |
| Seagate | Nearline | Archive HDD | ST6000AS0002 | 3.5" | 6TB |
| Seagate | Nearline | Archive HDD | ST6000AS0012 | 3.5" | 6TB |
| Seagate | Nearline | Enterprise Capacity | ST6000NM0004 - 1FT17Z | 3.5" | 6TB |
| Seagate | Nearline | Enterprise Capacity | ST6000NM0024 | 3.5" | 6TB |
| Seagate | Nearline | Enterprise Capacity | ST6000NM0024 - 1HT17Z | 3.5" | 6TB |
| Seagate | Nearline | Enterprise Capacity | ST5000NM0024 | 3.5" | 5TB |
| Seagate | Nearline | Enterprise Capacity | ST4000NM0024 | 3.5" | 4TB |
| Seagate | Nearline | Enterprise Capacity | ST2000NM0024 | 3.5" | 2TB |
| Seagate | Nearline | Enterprise Capacity | ST5000NM0084 | 3.5" | 5TB |
| Seagate | Nearline | Enterprise Capacity SED | ST6000NM0064 | 3.5" | 6TB |

| | | | | | |
|---------|----------|-------------------------|-----------------------|------|-----|
| Seagate | Nearline | Enterprise Capacity SED | ST4000NM0064 | 3.5" | 4TB |
| Seagate | Nearline | Enterprise Capacity SED | ST2000NM0064 | 3.5" | 2TB |
| Seagate | Nearline | Enterprise Capacity SED | ST6000NM0044 | 3.5" | 6TB |
| Seagate | Nearline | Enterprise Capacity SED | ST4000NM0044 | 3.5" | 4TB |
| Seagate | Nearline | Enterprise Capacity SED | ST2000NM0044 | 3.5" | 2TB |
| Seagate | Nearline | Constellation ES.3 | ST4000NM0033 - 9ZM170 | 3.5" | 4TB |
| Seagate | Nearline | Constellation ES.3 | ST3000NM0033 | 3.5" | 3TB |
| Seagate | Nearline | Constellation ES.3 | ST2000NM0033 | 3.5" | 2TB |
| Seagate | Nearline | Constellation ES.3 | ST1000NM0033 | 3.5" | 1TB |
| Seagate | Nearline | Terascale HDD ISE | ST4000NC000 | 3.5" | 4TB |
| Seagate | Nearline | Terascale HDD ISE | ST1000NC000 | 3.5" | 1TB |
| Seagate | Nearline | Terascale HDD ISE | ST2000NC000 | 3.5" | 2TB |
| Seagate | Nearline | Terascale HDD ISE | ST3000NC000 | 3.5" | 3TB |
| Seagate | Nearline | Terascale HDD | ST4000NC001 - 1FS168 | 3.5" | 4TB |
| Seagate | Nearline | Terascale HDD | ST3000NC002 | 3.5" | 3TB |
| Seagate | Nearline | Terascale HDD | ST2000NC001 | 3.5" | 2TB |
| Seagate | Nearline | Terascale HDD | ST1000NC001 | 3.5" | 1TB |
| Seagate | Nearline | Enterprise Capacity | ST8000NM0055 | 3.5" | 8TB |
| Seagate | Nearline | Enterprise Capacity SED | ST8000NM0105 - 1VS112 | 3.5" | 8TB |
| Seagate | Nearline | Constellation ES.3 SED | ST4000NM0053 | 3.5" | 4TB |
| Seagate | Nearline | Constellation ES.3 SED | ST3000NM0053 | 3.5" | 3TB |
| Seagate | Nearline | Constellation ES.3 SED | ST2000NM0053 | 3.5" | 2TB |
| Seagate | Nearline | Constellation ES.3 SED | ST1000NM0053 | 3.5" | 1TB |
| Seagate | Nearline | Enterprise NAS | ST8000NE0001 - 1WN112 | 3.5" | 8TB |
| Seagate | Nearline | Enterprise NAS | ST8000NE0011 | 3.5" | 8TB |
| Seagate | Nearline | Enterprise NAS | ST6000VN0001 - 1SF17Z | 3.5" | 6TB |
| Seagate | Nearline | Enterprise NAS | ST5000VN0001 - 1SF17X | 3.5" | 5TB |

| | | | | | |
|---------|--------------|------------------|-----------------------|------|-----|
| Seagate | Nearline | Enterprise NAS | ST4000VN0001 - 1SF178 | 3.5" | 4TB |
| Seagate | Nearline | Enterprise NAS | ST3000VN0001 - 1SF176 | 3.5" | 4TB |
| Seagate | Nearline | Enterprise NAS | ST2000VN0001 - 1SF174 | 3.5" | 4TB |
| Seagate | NAS | IronWolf Pro | ST8000NE0021 - 2EN112 | 3.5" | 8TB |
| Seagate | NAS | IronWolf | ST8000VN0022 - 2EL112 | 3.5" | 8TB |
| Seagate | NAS | IronWolf | ST3000VN007 - 2E4166 | 3.5" | 3TB |
| Seagate | NAS | IronWolf | ST2000VN004 - 2E4164 | 3.5" | 2TB |
| Seagate | NAS | NAS HDD | ST8000VN0002 - 1Z8112 | 3.5" | 8TB |
| Seagate | NAS | NAS HDD | ST8000VN0012 - 1Z9112 | 3.5" | 8TB |
| Seagate | NAS | NAS HDD | ST4000VN000 | 3.5" | 4TB |
| Seagate | NAS | NAS HDD | ST4000VN000 - 1H4168 | 3.5" | 4TB |
| Seagate | NAS | NAS HDD | ST4000VN003 - 1T5168 | 3.5" | 4TB |
| Seagate | NAS | NAS HDD | ST3000VN000 | 3.5" | 3TB |
| Seagate | NAS | NAS HDD | ST3000VN000 - 1H4167 | 3.5" | 3TB |
| Seagate | NAS | NAS HDD | ST3000VN000 - 1HJ166 | 3.5" | 3TB |
| Seagate | NAS | NAS HDD | ST2000VN000 | 3.5" | 2TB |
| Seagate | NAS | NAS HDD | ST2000VN000 - 1H3164 | 3.5" | 2TB |
| Seagate | NAS | NAS HDD | ST2000VN000 - 1HJ164 | 3.5" | 2TB |
| Seagate | NAS | NAS HDD | ST2000VN001 - 1T4164 | 3.5" | 2TB |
| Seagate | Surveillance | SkyHawk | ST1000VX005 - 2E3162 | 3.5" | 1TB |
| Seagate | Surveillance | SkyHawk | ST2000VX008 - 2E3164 | 3.5" | 2TB |
| Seagate | Surveillance | SkyHawk | ST3000VX010 - 2E3166 | 3.5" | 3TB |
| Seagate | Surveillance | Surveillance HDD | ST4000VX000 | 3.5" | 4TB |
| Seagate | Surveillance | Surveillance HDD | ST4000VX000 - 1F4168 | 3.5" | 4TB |
| Seagate | Surveillance | Surveillance HDD | ST4000VX002 - 1RT168 | 3.5" | 4TB |
| Seagate | Surveillance | Surveillance HDD | ST3000VX000 | 3.5" | 3TB |
| Seagate | Surveillance | Surveillance HDD | ST3000VX000 - 1E5166 | 3.5" | 3TB |

| | | | | | |
|---------|--------------|------------------|----------------------|------|-----|
| Seagate | Surveillance | Surveillance HDD | ST3000VX004 - 1RU166 | 3.5" | 3TB |
| Seagate | Surveillance | Surveillance HDD | ST3000VX002 | 3.5" | 3TB |
| Seagate | Surveillance | Surveillance HDD | ST2000VX000 | 3.5" | 2TB |
| Seagate | Surveillance | Surveillance HDD | ST1000VX000 | 3.5" | 1TB |
| Seagate | Surveillance | Surveillance HDD | ST3000VX005 - 1TD166 | 3.5" | 3TB |
| Seagate | Surveillance | Surveillance HDD | ST3000VX006 - 1HH166 | 3.5" | 3TB |
| Seagate | Surveillance | Surveillance HDD | ST2000VX003 - 1HH164 | 3.5" | 2TB |
| Seagate | Surveillance | Surveillance HDD | ST2000VX005 - 1TD164 | 3.5" | 2TB |
| Seagate | Surveillance | Surveillance HDD | ST1000VX001 - 1HH162 | 3.5" | 1TB |
| Seagate | Surveillance | Surveillance HDD | ST1000VX003 - 1TD162 | 3.5" | 1TB |
| Seagate | Surveillance | Video HDD | ST4000VM000 - 1F3168 | 3.5" | 4TB |
| Seagate | Surveillance | Video HDD | ST3000VM002 - 1ET166 | 3.5" | 3TB |
| Seagate | Surveillance | Pipeline HD | ST2000VM003 - 1CT164 | 3.5" | 2TB |
| Seagate | Surveillance | Pipeline HD | ST2000VM003 - 1ET164 | 3.5" | 2TB |
| Seagate | Surveillance | Pipeline HD | ST1000VM002 - 1CT162 | 3.5" | 1TB |
| Seagate | Surveillance | Pipeline HD | ST1000VM002 - 1ET162 | 3.5" | 1TB |
| Seagate | PC | Desktop HDD | ST4000DM000 | 3.5" | 4TB |
| Seagate | PC | Desktop HDD | ST3000DM001 | 3.5" | 3TB |
| Seagate | PC | Desktop HDD | ST2000DM001 | 3.5" | 2TB |
| Seagate | PC | Desktop HDD | ST1000DM003 | 3.5" | 1TB |

HGST

| Manufacturer | Type | Model | Part Number | Form Factor | Capacity |
|--------------|----------|------------------|-----------------|-------------|----------|
| HGST | Nearline | Ultrastar He8 | HUH728080ALE600 | 3.5" | 8TB |
| HGST | Nearline | Ultrastar He6 | HUS726060ALA640 | 3.5" | 6TB |
| HGST | Nearline | Ultrastar 7K4000 | HUS724040ALA640 | 3.5" | 4TB |

| | | | | | |
|------|----------|------------------|------------------------------|------|-----|
| HGST | Nearline | Ultrastar 7K4000 | HUS724030ALA640 | 3.5" | 3TB |
| HGST | Nearline | Ultrastar 7K4000 | HUS724020ALA640 | 3.5" | 2TB |
| HGST | Nearline | Ultrastar 7K4000 | HUS724040ALE640 (0F14683) | 3.5" | 4TB |
| HGST | Nearline | Ultrastar 7K6000 | HUS726060ALE610 | 3.5" | 6TB |
| HGST | Nearline | Ultrastar 7K6000 | HUS726050ALE610 | 3.5" | 5TB |
| HGST | Nearline | Ultrastar 7K6000 | HUS726040ALE610 | 3.5" | 4TB |
| HGST | Nearline | Ultrastar 7K6000 | HUS726020ALE610 | 3.5" | 2TB |
| HGST | Nearline | Megascale DC | HMS5C4040BLE640 | 3.5" | 4TB |
| HGST | NAS | Deskstar NAS | HDN724040ALE640 | 3.5" | 4TB |
| HGST | NAS | Deskstar NAS | HDN724030ALE640 | 3.5" | 3TB |
| HGST | NAS | Deskstar NAS | HDN726060ALE610 | 3.5" | 6TB |
| HGST | NAS | Deskstar NAS | HDN726050ALE610 | 3.5" | 5TB |
| HGST | NAS | Deskstar NAS | H3IKNAS600012872SA (0S03841) | 3.5" | 6TB |
| HGST | NAS | Deskstar NAS | H3IKNAS600012872SE (0S03840) | 3.5" | 6TB |
| HGST | NAS | Deskstar NAS | H3IKNAS600012872SJ (0S03842) | 3.5" | 6TB |
| HGST | NAS | Deskstar NAS | H3IKNAS600012872SN (0S03839) | 3.5" | 6TB |
| HGST | NAS | Deskstar NAS | H3IKNAS500012872SA (0S03837) | 3.5" | 5TB |
| HGST | NAS | Deskstar NAS | H3IKNAS500012872SE (0S03836) | 3.5" | 5TB |
| HGST | NAS | Deskstar NAS | H3IKNAS500012872SJ (0S03838) | 3.5" | 5TB |
| HGST | NAS | Deskstar NAS | H3IKNAS500012872SN (0S03835) | 3.5" | 5TB |
| HGST | NAS | Deskstar NAS | H3IKNAS40003272SA (0S03666) | 3.5" | 4TB |
| HGST | NAS | Deskstar NAS | H3IKNAS40003272SE (0S03665) | 3.5" | 4TB |
| HGST | NAS | Deskstar NAS | H3IKNAS40003272SJ (0S03667) | 3.5" | 4TB |
| HGST | NAS | Deskstar NAS | H3IKNAS40003272SN (0S03664) | 3.5" | 4TB |
| HGST | NAS | Deskstar NAS | H3IKNAS30003272SA (0S03662) | 3.5" | 3TB |
| HGST | NAS | Deskstar NAS | H3IKNAS30003272SE (0S03661) | 3.5" | 3TB |
| HGST | NAS | Deskstar NAS | H3IKNAS30003272SJ (0S03663) | 3.5" | 3TB |

| | | | | | |
|------|-----|--------------|-----------------------------|------|-----|
| HGST | NAS | Deskstar NAS | H3IKNAS30003272SN (0S03660) | 3.5" | 3TB |
| HGST | PC | Deskstar | HDS724040ALE640 | 3.5" | 4TB |

TOSHIBA

| Manufacturer | Type | Model | Part Number | Form Factor | Capacity |
|--------------|--------------|---------------------|-------------|-------------|----------|
| Toshiba | Nearline | Enterprise Capacity | MG04ACA600E | 3.5" | 6TB |
| Toshiba | Nearline | Enterprise Capacity | MG04ACA500E | 3.5" | 5TB |
| Toshiba | Nearline | Enterprise Capacity | MG04ACA400E | 3.5" | 4TB |
| Toshiba | Nearline | Enterprise Capacity | MG04ACA300E | 3.5" | 3TB |
| Toshiba | Nearline | Enterprise Capacity | MG04ACA300A | 3.5" | 3TB |
| Toshiba | Nearline | Enterprise Capacity | MG04ACA200E | 3.5" | 2TB |
| Toshiba | Nearline | Enterprise Capacity | MG04ACA200A | 3.5" | 2TB |
| Toshiba | Nearline | Enterprise Cloud | MC04ACA400E | 3.5" | 4TB |
| Toshiba | PC | Generic Data HDD | MD04ACA500 | 3.5" | 5TB |
| Toshiba | PC | Generic Data HDD | MD04ACA400 | 3.5" | 4TB |
| Toshiba | Surveillance | Surveillance HDD | MD03ACA400V | 3.5" | 4TB |
| Toshiba | Surveillance | Surveillance HDD | MD03ACA300V | 3.5" | 3TB |
| Toshiba | Surveillance | Surveillance HDD | MD03ACA200V | 3.5" | 2TB |
| Toshiba | Nearline | Enterprise Capacity | MK2002TSKB | 3.5" | 2TB |
| Toshiba | PC | Desktop HDD | DT01ACA300 | 3.5" | 3TB |
| Toshiba | PC | Desktop HDD | DT01ACA200 | 3.5" | 2TB |
| Toshiba | PC | Desktop HDD | DT01ACA100 | 3.5" | 1TB |