






Choose the Right Drive – Client SATA SSD Portfolio






| | BarraCuda Q1 | BarraCuda 120 | FireCuda 120 | IronWolf 125 | IronWolf Pro 125 |
|---|---|---|---|--|--|
| Available | WW – Shipping now | WW - Shipping now | WW – Shipping now | WW - Shipping now | WW - Shipping now |
| Market | Entry SATA | Mainstream SATA | Gaming SATA | NAS SATA | NAS SATA |
| Capacities (GB) | 960 / 480 / 240 | 2000 / 1000 / 500 / 250 | 4000 / 2000 / 1000 / 500 | 4000/ 2000/1000/ 500/250 | 3840 / 1920 / 960 / 480 / 240 |
| Form Factor/ Interface | 2.5-inch / SATA 6Gb/s | 2.5-inch / SATA 6Gb/s | 2.5-inch / SATA 6Gb/s | 2.5-inch / SATA 6Gb/s | 2.5-inch / SATA 6Gb/s |
| Performance | Up to 550MB/s 20x faster¹ than HDD | Up to 560MB/s and 90K IOPS 30x faster¹ than HDD | Up to 560 MB/s and 100K IOPS 30x faster¹ than HDD | Up to 560 MB/s and 95K IOPS | Up to 545 MB/s and 96K IOPS Sustained performance |
| Value | Designed for easy upgrade for budget cautious customers | Designed for easy upgrade with mainstream SSD | Enhanced performance and endurance | Optimized for consumer NAS | Optimized for Pro & Business NAS |
| Ideal for | Everyday computing with wide range of applications | Everyday computing with wide range of applications | Gaming and high-performance applications | Connected Home & SOHO NAS | Creative Pro, SMB/SME NAS |
| Applications | <ul style="list-style-type: none"> • Laptops • Home desktops | <ul style="list-style-type: none"> • Mainstream laptops • Home desktops | <ul style="list-style-type: none"> • Gaming desktops • Gaming laptops | <ul style="list-style-type: none"> • NAS caching • Tiered storage | <ul style="list-style-type: none"> • NAS caching • NAS AFA |
| Endurance | 0.2 DDPD | 0.3 DDPD | 0.7 DDPD | 0.7 DDPD | 1 DDPD |
| Key Features | <ul style="list-style-type: none"> ✓ Burst performance ✓ SeaTools SSD ✓ 3Y Warranty | <ul style="list-style-type: none"> ✓ Burst performance ✓ SeaTools SSD ✓ 5Y Warranty | <ul style="list-style-type: none"> ✓ Burst performance ✓ Enhanced endurance ✓ SeaTools SSD with Gamer Skin Options ✓ 3Y Rescue Service ✓ 5Y Warranty | <ul style="list-style-type: none"> ✓ Burst performance ✓ Enhanced endurance ✓ NAS partner approved ✓ 3Y Rescue Service ✓ IHM² ✓ 5Y Warranty | <ul style="list-style-type: none"> ✓ Sustained performance ✓ Power-loss data protection ✓ NAS partner approved ✓ 3Y Rescue Service ✓ IHM² ✓ 5Y Warranty |
| Assets link – click on product picture ! |  |  |  |  |  |

1) PC Mark 8 internal testing (170MB/s BC Q1 SSD, 277MB/s BC 120 vs 8.34MB/s HDD)

2) IHM available in 2H2020




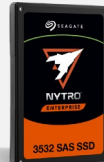



Choose the Right Drive – Client PCIe SSD Portfolio

| | BarraCuda Q5 SSD | BarraCuda 510 SSD | FireCuda 510 | FireCuda 520 | IronWolf 510 SSD |
|---|---|---|--|---|--|
| Available | GA – November 2020 | WW – Shipping now | WW - Shipping now | WW - Shipping now | WW - Shipping now |
| Market | Entry PCIe | Mainstream PCIe | Gaming PCIe | Gaming PCIe | NAS PCIe |
| Capacities (GB) | 2000 / 1000 / 500 | 1000 / 500 / 250 | 2000 / 1000 / 500 | 2000 / 1000 / 500 | 1920 / 960 / 480 / 240 |
| Form Factor/ Interface | M.2 2280-S2 PCIe G3 x4 (NVMe) | M.2 2280-S2 PCIe G3 x4 (NVMe) | M.2 2280-D2 PCIe G3 x4 (NVMe) | M.2 2280-D2 PCIe G4 x4 (NVMe) | M.2 2280-S2 / M.2 2280-D2 PCIe G3 x4 (NVMe) |
| Performance | Up to 2400 MB/s 4x faster than SATA SSD | Up to 3400 MB/s 6x faster than SATA SSD | Up to 3450 MB/s 6x faster than SATA SSD | Up to 5000 MB/s 9x faster than SATA SSD | Up to 3150 MB/s Sustained performance |
| Value | NVMe SSD speeds for budget cautious customers | Optimized for next level of performance | Enhanced performance and endurance | First SSD built for PCIe Gen 4 speeds | Optimized for NAS |
| Ideal for | Everyday computing with wide range of applications | Everyday computing with wide range of applications | Gaming and high-performance applications | Gaming and high-performance applications with PCIe Gen4 interface | Creative Pro, SMB/SME NAS |
| Applications | <ul style="list-style-type: none"> • Laptops • Home desktops | <ul style="list-style-type: none"> • Thin ultra-light laptops • Business PCs, workstations | <ul style="list-style-type: none"> • Gaming desktops and laptops • High-performance PCs | <ul style="list-style-type: none"> • Gaming desktops • High-performance PCs | <ul style="list-style-type: none"> • Tiered storage • SSD cache |
| Endurance | 0.2 DDPD | 0.3 DDPD | 0.7 DDPD | 0.9 DDPD | 1 DDPD |
| Key Features | <ul style="list-style-type: none"> ✓ FOB performance ✓ SeaTools SSD ✓ 1Y Rescue Service ✓ 3Y Warranty | <ul style="list-style-type: none"> ✓ Burst performance ✓ SeaTools SSD ✓ 5Y Warranty | <ul style="list-style-type: none"> ✓ Longer burst performance ✓ SeaTools SSD with Gamer Skin Options ✓ 3Y Rescue Service ✓ 5Y Warranty | <ul style="list-style-type: none"> ✓ PCIe Gen 4 speeds ✓ Enhanced endurance ✓ SeaTools SSD with Gamer Skin Options ✓ 3Y Rescue Service ✓ 5Y Warranty | <ul style="list-style-type: none"> ✓ Sustained performance ✓ NAS partner approved ✓ 3Y Rescue Service ✓ IHM ✓ 5Y Warranty |
| Assets link – click on product picture ! |  |  |  |  |  |



Choose the Right Drive – Enterprise SATA/SAS SSD Portfolio

| | Nytro 1351 | Nytro 1551 | Nytro 3332 | Nytro 3532 | Nytro 3732 |
|---|---|---|--|--|--|
| Available | WW – Shipping now | WW - Shipping now | WW – Shipping now | WW - Shipping now | WW - Shipping now |
| Market | Enterprise Server SATA | Enterprise Server SATA | Enterprise SAS | Enterprise SAS | Enterprise SAS |
| Capacities (GB) | 1920 / 960 / 480 / 240 | 1920 / 960 / 480 / 240 | 15360 / 7680 / 3840 / 1920 / 960 | 6400 / 3200 / 1600 / 800 | 3200 / 1600 / 800 / 400 |
| Form Factor/ Interface | 2.5-inch / SATA 6Gb/s | 2.5-inch / SATA 6Gb/s | 2.5-inch / 15mm SAS 12Gb/s (dual port) | 2.5-inch / 15mm SAS 12Gb/s (dual port) | 2.5-inch / 15mm SAS 12Gb/s (dual port) |
| Seq Read/Write | Up to 564 / 536 MB/s | Up to 564 / 536 MB/s | Up to 2200 / 1650 MB/s | Up to 2200 / 1650 MB/s | Up to 2200 / 1650 MB/s |
| Radom Read/Write | Up to 94 / 59¹ (KIOPS) | Up to 94 / 59¹ (KIOPS) | Up to 240 / 85 (KIOPS) | Up to 240 / 130 (KIOPS) | Up to 240 / 200 (KIOPS) |
| Value | Optimized for read-intensive enterprise workloads | Optimized for mixed enterprise workloads | Designed for mission critical storage with read-intensive workloads | Designed for mission critical storage with mixed use workloads | Designed for mission critical storage with write-intensive workloads |
| Applications | <ul style="list-style-type: none"> • Web servers • Tiered storage analytics • Read-intensive applications | <ul style="list-style-type: none"> • Virtual Desktop Infrastructure • Databases (OLTP) • Cloud services | <ul style="list-style-type: none"> • Software-defined storage <ul style="list-style-type: none"> • All-flash arrays • Caching / Tiering | <ul style="list-style-type: none"> • Server Virtualization • Databases (OLTP) • Caching / Tiering | <ul style="list-style-type: none"> • Server Virtualization • Databases (OLTP) • Caching / Tiering |
| Endurance | 1 DDPD | 3 DDPD | 1 DDPD | 3 DDPD | 10 DDPD |
| Key Features | <ul style="list-style-type: none"> ✓ Sustained performance ✓ Power-loss data protection ✓ 3D eTLC NAND technology ✓ SED options ✓ 5Y Warranty | <ul style="list-style-type: none"> ✓ Sustained performance ✓ Power-loss data protection ✓ 3D eTLC NAND technology ✓ SED options ✓ 5Y Warranty | <ul style="list-style-type: none"> ✓ Sustained performance ✓ Power-loss data protection ✓ 3D eTLC NAND technology ✓ SED / ISE / FIPS ✓ 5Y Warranty | <ul style="list-style-type: none"> ✓ Sustained performance ✓ Power-loss data protection ✓ 3D eTLC NAND technology ✓ SED / ISE / FIPS ✓ 5Y Warranty | <ul style="list-style-type: none"> ✓ Sustained performance ✓ Power-loss data protection ✓ 3D eTLC NAND technology ✓ SED / ISE / FIPS ✓ 5Y Warranty |
| Assets link – click on product picture ! |  |  |  |  |  |

1) Assumes a typical data workload has 20% data compressibility

Ordering Information – Client SSD Portfolio

| Client SATA SSD Portfolio | | | | |
|---------------------------|----------|---------------|---------------|--------------|
| Product name | Capacity | ST model | EAN Code | UPC Code |
| BarraCuda Q1 | 240GB | ZA240CV1A001 | 8719706027588 | 763649147337 |
| | 480GB | ZA480CV1A001 | 8719706024310 | 763649143551 |
| | 960GB | ZA960CV1A001 | 8719706024327 | 763649143568 |
| BarraCuda 120 | 250GB | ZA250CM1A003 | 8719706020855 | 763649139288 |
| | 500GB | ZA500CM1A003 | 8719706020862 | 763649139295 |
| | 1TB | ZA1000CM1A003 | 8719706020879 | 763649139301 |
| | 2TB | ZA2000CM1A003 | 8719706020886 | 763649139318 |
| FireCuda 120 | 500GB | ZA500GM1A001 | 8719706025577 | 763649144886 |
| | 1TB | ZA1000GM1A001 | 8719706025584 | 763649144893 |
| | 2TB | ZA2000GM1A001 | 8719706025591 | 763649144909 |
| | 4TB | ZA4000GM1A001 | 8719706025607 | 763649144916 |
| IronWolf 125 | 250GB | ZA250NM1A002 | 8719706027113 | 763649146842 |
| | 500GB | ZA500NM1A002 | 8719706027120 | 763649146859 |
| | 1TB | ZA1000NM1A002 | 8719706027137 | 763649146866 |
| | 2TB | ZA2000NM1A002 | 8719706027144 | 763649146873 |
| | 4TB | ZA4000NM1A002 | 8719706027151 | 763649146880 |
| IronWolf Pro 125 | 240GB | ZA240NX1A001 | 8719706027212 | 763649146941 |
| | 480GB | ZA480NX1A001 | 8719706027229 | 763649146958 |
| | 960GB | ZA960NX1A001 | 8719706027236 | 763649146965 |
| | 1.92TB | ZA1920NX1A001 | 8719706027243 | 763649146972 |
| | 3.84TB | ZA3840NX1A001 | 8719706027250 | 763649146989 |

| Client PCIe SSD Portfolio | | | | |
|---------------------------|----------|---------------|---------------|--------------|
| Product name | Capacity | ST model | EAN Code | UPC Code |
| BarraCuda Q5 | 500GB | ZP500CV3A001 | 8719706027717 | 763649147467 |
| | 1TB | ZP1000CV3A001 | 8719706027724 | 763649147474 |
| | 2TB | ZP2000CV3A001 | 8719706027731 | 763649147481 |
| BarraCuda 510 | 250GB | ZP250CM3A001 | 8719706019927 | 763649138212 |
| | 500GB | ZP500CM3A001 | 8719706019934 | 763649138229 |
| | 1TB | ZP1000CM3A001 | 8719706019941 | 763649138236 |
| FireCuda 510 | 500GB | ZP500GM3A001 | 8719706020169 | 763649138458 |
| | 1TB | ZP1000GM30011 | 8719706016599 | 763649133989 |
| | 2TB | ZP2000GM30021 | 8719706016605 | 763649133996 |
| FireCuda 520 | 500GB | ZP500GM3A002 | 8719706019989 | 763649138274 |
| | 1TB | ZP1000GM3A002 | 8719706020008 | 763649138298 |
| | 2TB | ZP2000GM3A002 | 8719706019996 | 763649138281 |
| IronWolf 510 | 240GB | ZP240NM30011 | 8719706018326 | 763649135952 |
| | 480GB | ZP480NM30011 | 8719706018333 | 763649135969 |
| | 960GB | ZP960NM30011 | 8719706018340 | 763649135976 |
| | 1.92TB | ZP1920NM30011 | 8719706018357 | 763649135983 |

