

ASR-5200E

High-availability Disk Array Solution for Mission-critical Service with Zero Down Time



Features

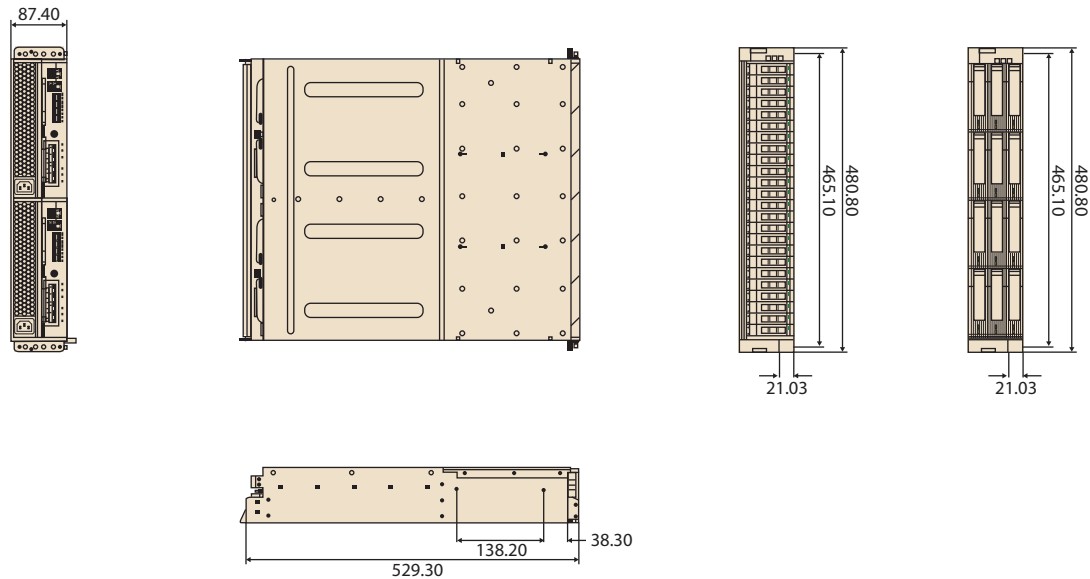
- Redundant Dual Controller Configuration
- 2U12 (LFF)/2U24 (SFF), Two High-density Form Factors
- Default 2 x iSCSI 1Gb/s + 3 x SAS 6Gb/s per Controller
- Max 120 x 3.5" / 240 x 2.5" SATA/SAS 6Gb/s drives
- Additional Host Options: FC 8G/iSCSI 10G/iSCSI 1G
- Default BBU+Flash Module for Cache Backup
- State-of-the-art Data Service Functions: Thin Provisioning, FlashCopy, Easy Tier and Remote Mirror
- 3-year Warranty, with Advanced RMA Service

Specifications

| | | |
|---------------|---------------------------|--|
| Model Name | ASR-5200E | |
| System | Form Factor | 2U 12-Bay (LFF) / 24-bay(SFF) |
| | Configuration | Dual Controller |
| | Number of Drives | 12-Bay (3.5") / 24-Bay (2.5") |
| | Drive Type | 6Gb/s SAS |
| | Cache Memory | Default 8GB |
| | JBOD Expansion | Yes, miniSAS HD |
| | Max Drives | 120 x 3.5" drives / 240 x 2.5" drives (with corresponding JBODs) |
| | Default Host | 4 x 1Gb/s iSCSI RJ45 port 6 x 6Gb/s SAS wide-port |
| | Optional Host | 8 x 8Gb/s FC SFP port 4 x 10Gb/s iSCSI SFP+ port 8 x 1Gb/s iSCSI RJ45 port |
| | RAID Level | 0, 1, 5, 6, 10 |
| LUN Number | 2048 LUNs | |
| Notification | Email, SNMP traps | |
| Data Service | Advanced Functions | Thin Provisioning FlashCopy (Default 64 Targets) |
| | Optional Features | Easy Tier FlashCopy upgrade (up to 2040 Targets) Remote Mirror |
| Power Supply | Power Output Wattage | 800W Redundant Power |
| | Input Range | AC 100-240V |
| Mechanical | Dimensions | 556 x 483 x 87 (mm) |
| | Weight | 18 kg/39.68lbs (without hard drives) |
| Environmental | Operating Temperature | 10° C ~ 35° C (50° F ~ 95° F) |
| | Non-operating Temperature | -10° C ~ 50° C (14° F ~ 125° F) |
| | Humidity | 20% ~ 80% @ 35° C, non-condensing 10% ~ 90% @ 35° C, non-condensing |

Dimensions

Unit: mm



Order Information

| Advantech P/N | Description |
|-----------------|---|
| ASR-5200E-12A1E | 2U-12 Bay Rackmount External Disk Array |
| ASR-5200E-24A1E | 2U-24 Bay Rackmount External Disk Array |

Optional Parts

| Advantech P/N | Description |
|---------------|--|
| ASR-5200-FC08 | FC 8G x4 port Host Interface Card |
| ASR-5200-RJ01 | iSCSI 1G x4 port RJ45 Host Interface Card |
| ASR-5200-SP10 | iSCSI 10G x2 port SFP+ Host Interface Card |

Note: Host Interface Cards are sold by the pair.

Compatible Drives

| Advantech P/N | Description |
|------------------|--|
| ASR-5200-L2TB07K | 3.5" Enterprise SAS 2TB, 7Krpm, 3 Year Warranty |
| ASR-5200-L3TB07K | 3.5" Enterprise SAS 3TB, 7Krpm, 3 Year Warranty |
| ASR-5200-L4TB07K | 3.5" Enterprise SAS 4TB, 7Krpm, 3 Year Warranty |
| ASR-5200-S3HG15K | 2.5" Enterprise SAS 300GB, 15Krpm, 3 Year Warranty |
| ASR-5200-S6HG10K | 2.5" Enterprise SAS 600GB, 10Krpm, 3 Year Warranty |

Note: Approved HDDs should be purchased from Advantech.

Data Service License

| Advantech P/N | Description |
|---------------|-----------------------------------|
| ASR-5200E-RME | FC/IP-based remote mirror license |
| ASR-5200E-TRE | Easy Tier license |
| ASR-5200E-FUE | FlashCopy Upgrade to 2040 tags |

Front View



12-bay Unit



24-bay Unit

Rear View

