# mini **EPICa** Series
# EP-D501-C3A-L

3.5" Desktop 5 Bays
USB 3.0, eSATA, 1394b - SATA II RAID Subsystem

**Unsurpassed Value**
- Most cost-effective SATA II RAID subsystem
- AES Data Encryption(Optional)
- Compact Desktop size with stylish design

**Application Flexibility**
- Multiple interface support enables flexible system deployment for versatile applications

**Easy Installation & Maintenance**
- Provide a fast and easy way to install and manage the storage

**Low Power Consumption**
- Cable-less backplane with integrated RAID processor.
  No more unnecessary components inside

**Features**
- USB 3.0 (5Gbps) / eSATA (3Gbps) / 1394b (800Mbps) host interfaces
- Supports hot spare and automatic hot rebuild
- Local event notification
- Easy management via In-Band data bus
- Transparent data protection for all popular operating systems

**RAID Management**
- Real time drive activity and status indicators
- Graphical User Interface (GUI) management utility
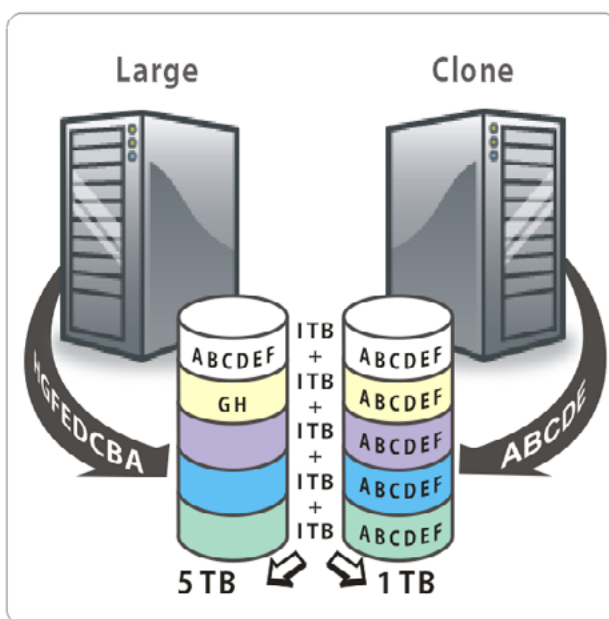
# mini EPICa
## Series Technical Specifications

| Model | EP-D501-C3A-L |
|---|---|
| RAID processor | Integrated Micro processor |
| RAID level | 0, 1, 3, 5, 10, LARGE, CLONE |
| No. of channels(host+drive) | 1 + 5 |
| Host bus interface | eSATA * 1 / USB 3.0 * 1 / 1394b * 2 |
| Drive bus interface | SATA II (Up to 3.0Gbps) |
| Data transfer rate | Support up to 5Gbps (USB 3.0) |
| | Support up to 3Gbps (eSATA) |
| | Support up to 800Mbps (1394b) |
| Data encryption | Yes(Optional) |
| Hot-swap drive trays | Five (5) 3.5-inch Disk trays |
| Cooling fan | 1 |
| Failed drive indicators | Yes |
| Failed drive auto rebuild | Yes |
| Environment monitor | Yes |
| Auto spare support | Yes |
| Power supply | 180W (full range) |
| Environmental | |
| Relative humidity : | 10% ~ 85% Non-condensing |
| Operating temp : | $10^oC \sim 40^oC$ ($50^oF \sim 104^oF$) |
| Physical | Tower : 196(H) x 149(W) x 260(D)mm |
| Dimensions(Convertible) : | Desktop : 149(H) x 196(W) x 260(D)mm |
| Weight | 4.6Kg (without disk) |

*Specification are subject to change without notice.*
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## RAID FLEXIBILITY

| RAID Level | Disk Number | CAPACITY | PROTECTION | SPEED |
|---|---|---|---|---|
| RAID 0 | 5 | 100% | ★ | ★★★★★ |
| RAID 1 | 2 | 50% | ★★★★ | ★★ |
| RAID 10 | 4 | 50% | ★★★★⯪ | ★★★⯪ |
| RAID 3 | 5 | 80% | ★★★★ | ★★★★ |
| RAID 5 | 5 | 80% | ★★★★ | ★★★★ |
| LARGE | 5 | 100% | ★ | ★★ |
| CLONE | 5 | 20% | ★★★★★ | ★★ |
| RAID 3+Spare | 4+1 | 75% | ★★★★★ | ★★★⯪ |
| RAID 5+Spare | 4+1 | 75% | ★★★★★ | ★★★⯪ |



Large — 5 TB (ABCDEF + GH ... 1TB + 1TB + 1TB + 1TB + 1TB)

Clone — 1 TB

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