Data Sheet
Fusion-io® ioDrive®2 Solid-State Storage devices

Accelerate the performance of I/O intensive applications and workloads

Main Features

- Superior IO performance (275,000 Read IOPS / 800,000 Write IOPS), high read (up to 1.5 GB/s) and write (up to 1.3 GB/s) performance.
- 365GB, 785GB and 1.2TB capacity with Multi Level Cell (MLC) technology in a low profile PCIe form factor with full height (FH) and low profile (LP) bracket.
- Very low latency access to database which is ideal suited in use cases such as fast access to database log-files and reports, hypervisor running a large number of virtual machines or virtual desktop infrastructure solution.
- NAND technology with multi-level cell (MLC) flash memory to store data.

Benefits

- Minimized application latency to deliver groundbreaking improvements to computing performance, while greatly reducing hardware infrastructure, maintenance and floor space.
- Advanced storage device using solid state storage technology directly on the PCI bus, assuring high read and write data rates.
- Positive impact on business results and the ability to make decisions quickly, resulting in significant cost and time savings.
- PRIMERGY with ioDrive®2 storage devices provides faster performance and higher reliability than standard hard disk drives with rapid response in scenarios where output is needed in seconds or less.
## Technical details

### Technology
- PCIe-SSD Flash Drive

### Form factor
- Low Profile PCIe with Full Height (FH) and Low Profile (LP) bracket

### Bus type
- PCIe 2.0

### NAND Type
- MLC (Multi Level Cell)

### Supported systems
- PRIMERGY RX200 S7 / S8, PRIMERGY RX300 S7 / S8, PRIMERGY RX350 S8, PRIMERGY RX500 S7, PRIMERGY RX600 S6, PRIMERGY RX900 S2, PRIMERGY TX300 S8

### Max. number per system unit
- 1x in RX200 S7 / S8
- 2x in RX300 S7 / S8
- 4x in RX350 S8
- 2x in RX500 S7 (365GB not released)
- 4x in RX600 S6
- 4x in RX900 S2 (365GB not released)
- 4x in TX300 S8

### Environment

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature (operating)</td>
<td>0 - 55 °C</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>-40 - 70 °C</td>
</tr>
<tr>
<td>Operating relative humidity</td>
<td>5 - 95 %</td>
</tr>
</tbody>
</table>

### Compliance

**Europe**
- CE
- EN 55022
- EN 55024
- EN 61000-3-2 JEIDA
- EN 61000-3-3

**USA/Canada**
- CFR47, part 15 subpart B, classA
- ICES-003 / NMB-003 Class A

**Global**
- RoHS

**Japan**
- VCCI

**South Korea**
- KCC (KN22, KN24)

**Australia/New Zealand**
- C-Tick (AS / NZS CISPR 22 Class A)

**Taiwan**
- BSMI

### Compliance notes
- According to the corresponding system

### Compliance link
- [https://sp.ts.fujitsu.com/sites/certificates](https://sp.ts.fujitsu.com/sites/certificates)
Fujitsu platform solutions
In addition to Fujitsu with ioDrive®2 Solid-State Storage devices, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

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More information
Learn more about Fujitsu with ioDrive®2 Solid-State Storage devices, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://ts.fujitsu.com/Primergy

Fujitsu green policy innovation

Contact
FUJITSU LIMITED
Mies-van-der-Rohe-Straße 8
80807 München
Germany
Website: www.ts.fujitsu.com
2020-09-02 CE-EN

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