

# G1 REMOVABLE DATA MODULE

## Flexible – Up to 40TB

The G1 Removable Data Module (G1-RDM) fits all Galleon G1 data recorders, NAS and servers, providing an extremely flexible storage solution to suit the target application. The G1-RDM can be exchanged in the field in seconds, with no tools required.

The storage module uses industry standard 2.5" solid-state storage (SSD) modules. Two individual SSDs can be fitted supporting capacities up to 40TB total. All varieties of SSDs can be used, ranging from military grade ultra rugged to commercial grade systems.

Consequently, the storage can be optimized depending on the usage and specific needs. For example, commercial

grade storage can be used for lab development and pre-deployment usage, where cost and optimization is of higher importance than data integrity. Then, when the unit is used on critical missions, industrial grade storage can be used to meet the most demanding environments.

For additional security, optional AES 256-bit encryption may be added to the RDM by using suitably firmware enabled SSDs. Further security enhancements such as quick erase and secure erase are supported on selected storage media.

Galleon Embedded Computing's quality management system is certified to Aerospace Standard AS/EN 9100 and ISO 9001.

### RDM – REMOVABLE DATA MODULE



FIPS 140-2 Inside

#### KEY FEATURES

- Up to 40TB solid-state storage capacity
- Supports SLC and MLC storage technology
- Industry standard 2.5" SSDs

#### BENEFITS

- Removable
- No tools required
- High performance
- High capacity

#### ABOUT GALLEON

Galleon Embedded Computing is an innovative leader in development of high-performance, high-quality storage solutions and small rugged data recorder systems, servers and NAS devices.

Galleon's offerings span from commercial grade products for benign environments to ruggedized conduction-cooled products for deployed systems in severe environments.