

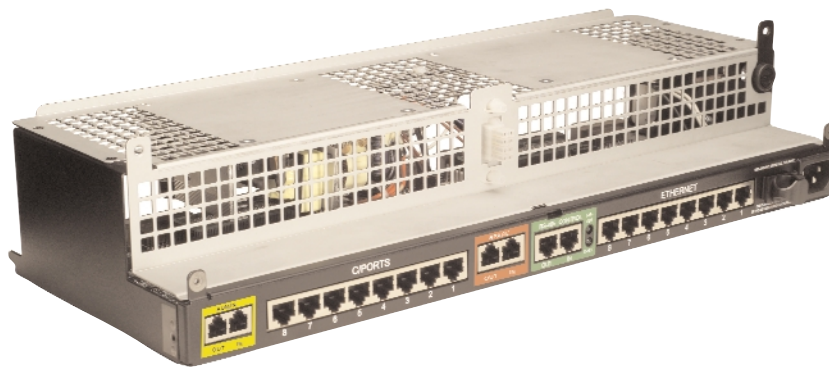


R Series Blade Switching BackPack

Each ClearCube Cage uses a BackPack to provide external connections for the Client Blades. The Blade Switching BackPack contains a flexible switch matrix that allows any Blade in the Cage to be connected to any C/Port attached to the BackPack. In addition to the C/Port and Ethernet connections, the Blade Switching BackPack has administrator C/Port and spare Client Blade connections to allow remote troubleshooting and spare management. The Blade Switching BackPack, in conjunction with the Switch Manager software, enables several unique functions for remote Blade management:

Spare Switching: This function provides the ability to instantly switch a desktop user from the user's primary Blade to the spare Blade located in any connected Cage with a Blade Switching BackPack. This feature eliminates user downtime while a Blade is being serviced.

Administrator and Supervisor Switching: This function allows switching the administrator's desktop between any Blade located in any connected Cage with a Blade Switching BackPack. In addition, a supervisor may share the view of any user's monitor screen, which can facilitate training, collaborative troubleshooting, and performance monitoring.



Remote Management Card

The Remote Management Card (RMC) monitors Blade and Cage status over the systems management bus that connects to the control ports in the BackPack. The RMC also controls the switches in the BackPack. Each rack of Cages includes a Primary Cage equipped with a RMC. The Primary Cage uses an Ethernet connection for the control input and an RS-485 connection for control output, which is daisy-chained to the remaining Cages in the rack via the control input/output ports.

BackPack Power Supply

Each BackPack comes equipped with either a single or dual-redundant power supply. This system powers the circuitry in the BackPack and the systems management circuitry on the Blades. This allows the ClearCube Management Suite to access Blade information even when the Blades are powered off.

Specifications

Connections

- Eight 10/100 Ethernet connections
- Eight standard C/Port connections
- Two management and control ports (Ethernet or RS-485 in and RS-485 out)
- Administrator C/Port connections (support daisy chaining)
- Spare Blade connections (support daisy chaining)

Dimensions: N/A - the BackPack fits into the rear of the Cage beneath the fan assembly

Environment: Stationary installation, 0-35° C

Ordering Information: Use the following part numbers to order your ClearCube Cages with Blade Switching BackPacks*:

*Each BackPack is sold pre-installed in a Cage unless specifically ordered as a spare

**One Cage in each rack must have a Remote Management Card (RMC)

CG4-BSBP	R Series Cage with Blade Switching BackPack and single Power Supply
CG4-BSBP-DUAL	R Series Cage with Blade Switching BackPack and dual Power Supply
CG4-BSBP-DUAL-RMC**	R Series Cage with Blade Switching BackPack, dual Power Supply & RMC
BP-BSBP-DUAL	Spare Blade Switching BackPack and dual Power Supply
CMS	ClearCube Management Suite with Management Console, Blade Manager, Image Manager, Data Failover, and Switch Manager Software