



A standard 42U, 19-inch rack can hold as many as 14 chassis, for a total of 112 single-user Blade PCs.  
Each R4300 chassis includes three configurable bays that provide connection and networking functions.



**R4300**  
**Blade PC Chassis**

## KEY FEATURES

### General

- 8-slot chassis
- 3U (5.25" high, standard 19" rack width, 30" deep)
- Four variable-speed, high-flow exhaust fans located in rear (340 CFM max.)
- AC power supplied to each individual PC blade slot from dual AC input
- One rack mount kit with adjustable brackets included

### Network Module

Sixteen pass-through Ethernet jacks (RJ-45)

### Note

Blades R3082D and lower require an Upgrade Interposer Card (P/N G0100205) when installed in R4300 Rev A04 Chassis.

### Extended Warranty (Optional)

## TECHNICAL SPECS

### Environment

Standard office installation, 0-35° C

### Power Consumption

12 A peak, 4.5 - 6.5 A nominal at 120 VAC fully loaded

### Power Supply

Universal 100 - 240 VAC, 50-60 Hz input  
Dual Input with automatic transfer switch (Two cords required per chassis)

### Weight

42 lbs. (19 kg) with modules installed, 85 lbs. (39 kg) with modules and 8 blades

### Dimensions

30" (D) x 5.25" (H) x 17" (W)

### Regulatory Compliance

FCC/CSA Class A, UL1950, IEC60950, CE

### PCoIP/USB Pass-through Module

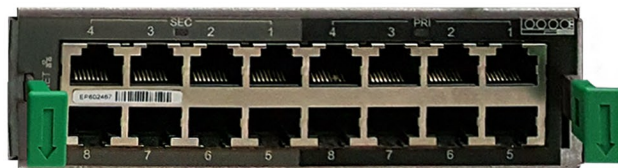
Provides eight dedicated RJ45 PCoIP network jacks (one for each blade) and one rear

### RMM Filler Panel

USB 2.0 port for each blade.  
Blades R3082D and lower must use Upgrade Interposer Card (P/N G0100205) in R4300 Revision A04  
Standard in R4300 Revision A04

## Part Number Part Description

- GR4302CBP** - Includes the R4300 Chassis Revision A04, RMM Filler Panel, PCoIP/USB Pass-through Module, 16-port Network Module and Chassis Rapid Mounting Kit
- G060036** - North American Power Cord
- G060020** - United Kingdom Power Cord
- G060034** - European Power Cord
- G0100205** - Upgrade Interposer Card: required for blades R3082D and lower in R4300 Chassis Revision A04
- GR4320** - Fan Tray
- GR4316** - Power Supply
- G091127** - R4300 Chassis and Modules 3 Yr. Warranty


**R4300 Chassis Network Module**

**R4300 Chassis PCoIP USB  
Pass Through Module**

**Rear View**

### 3U CHASSIS THAT HOUSES EIGHT R-SERIES BLADE PCS

The ClearCube R4300 Chassis is a centralized 3U chassis that houses eight R-Series Blade PCs and provides Ethernet connections, dedicated PCoIP connections, power connections, and airflow management. A standard 42U, 19-inch rack can hold as many as 14 chassis, for a total of 112 single-user Blade PCs. The R4300 enables management of all external blade cabling from the rear of the chassis and accepts a variety of plug-in module options.

R4300 modules install in the R-Series Chassis to provide Blade PC and Workstation connectivity and management with the highest level of flexibility, scalability, and reliability. Each R4300 chassis includes three configurable bays that provide connection and networking functions described below

### PCOIP/USB PASS-THROUGH MODULE

The PCoIP/USB Pass-through Module provides eight dedicated PCoIP Gigabit Ethernet jacks (RJ45) for each Blade PC in the chassis, as well as eight USB ports (one for each blade) for USB connectivity from the rear of the chassis

### NETWORK MODULE

The Ethernet Pass-through Module contains 16 Gigabit Ethernet jacks for connecting each blade in the chassis to an external network switch. The module provides one primary and one secondary Ethernet jack for each blade.

**Ordering Information: CALL 512.652.3500**

Email: [sales@clearcube.com](mailto:sales@clearcube.com) to order or for more information

