



CLEARCUBE

R4300 Blade PC Chassis Bundle

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.



R4300 Chassis PCoIP USB Pass Through Module

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.



R4300 Chassis Network Module

RMM Filler Panel

This panel is standard in Revision A04 configurations. This bay is reserved for future modules.



R4300 Chassis RMM Filler Panel



R4300 Rear View Chassis Module



R4300 Front Open, One Blade Pulled

R4300 Blade PC Chassis Specifications

General	NOTE: Blades R3082D and lower require and Upgrade Interposer Card (P/N G0100205 when installed in R4300 Rev A04 Chassis. 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 Power consumption: 12 A peak, 4.5 - 6.5 A nominal at 120 VAC fully loaded One rack mount kit with adjustable brackets included
Dimensions	5.25" H x 17" W x 30" D (13.3 cm x 43.2 cm x 76.2 cm)
Weight	42 lbs. (19 kg) with modules installed, 85 lbs. (39 kg) with modules and 8 blades
Power Supply	Universal 100 - 240 VAC, 50-60 Hz input, Dual Input with automatic transfer switch
Environment	Standard office installation, 0-35° C
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 USB 2.0 port for each blade. Blades R3082D and lower must use Upgrade Interposer Card (P/N G0100205) in R4300 Revision A04.
RMM Filler Panel	Standard in R4300 Revision A04.
Network Module	Sixteen pass-through Ethernet jacks (RJ-45)

Ordering Information

Call: (866) 652-3500 Email: sales@clearcube.com to order or for additional details.

Part Number	Description
GR4302CBP	This bundle includes the R4300 Chassis Revision A04, RMM Filler Panel, PCoIP/USB Pass-through Module, 16-port Network Module and Chassis Rapid Mounting Kit
Power Cord	(Two cords required per chassis)
G060036	North American Power Cord
G060020	United Kingdom Power Cord
G060034	European Power Cord
Spare/Upgrade Items	(Recommended)
G0100205	Upgrade Interposer Card: required for blades R3082D and lower in R4300 Chassis Revision A04
GR4320	Fan Tray
GR4316	Power Supply
Extended Warranty	(Optional)
G091127	R4300 Chassis and Modules 3 Yr. Warranty