

# Cisco R42612 Rack

## Product Overview

Cisco® R Series Racks are excellent solutions for mission-critical environments that require the highest levels of reliability, structural integrity, and security. The series' modern design delivers exceptional power, cooling, and cable management features as well as the strength and stability required in today's rack enclosures, offering peace of mind for the most important infrastructure elements. Cisco R42612 Rack is designed and certified for use with the Cisco Unified Computing System™ (Cisco UCS®) and selected Cisco Nexus® products, allowing Cisco to offer a complete infrastructure solution, including computing, networking, rack, power, and services (Figure 1).

**Figure 1.** Cisco R42612 Rack



## Features and Benefits

Table 1 lists the main features and benefits of the Cisco R42612 Rack.

**Table 1.** Features and Benefits

Feature	Benefit
<b>Tested with Cisco UCS platform</b>	<ul style="list-style-type: none"> <li>• Industry-standard EIA-310-D racks are optimized for the Cisco UCS platform (for example, optimal EIA rail placement).</li> <li>• Racks are compatible with Cisco UCS Integrated Infrastructure solutions such as FlexPod and VersaStack.</li> <li>• Cisco R42612 standard and expansion racks are well suited for single-rack and multiple-rack Cisco UCS installations at customer sites.</li> <li>• Cisco R42612 dynamic rack is certified for shipping pre-racked Cisco UCS solutions.</li> </ul>

Feature	Benefit
<b>Frame</b>	<ul style="list-style-type: none"> <li>• 16-fold fully welded frame creates a robust structure and low profile to increase internal volume.</li> <li>• Fully welded frame provides improved grounding continuity compared to bolt-together frames.</li> <li>• Repetitive internal mounting hole patterns provide adaptable mounting surfaces.</li> </ul>
<b>Front and rear doors</b>	<ul style="list-style-type: none"> <li>• 80% perforation on the front and rear doors increase airflow.</li> <li>• Locks are included for added security.</li> <li>• Toolless door removal allows convenient servicing.</li> <li>• Split rear doors reduce the clearance required at the rear of the rack.</li> <li>• Adjustable front door can swing from right to left or left to right.</li> </ul>
<b>Split side panels</b>	<ul style="list-style-type: none"> <li>• Lightweight, 2-piece side panels are easy to install and remove.</li> <li>• Locks provide additional security.</li> </ul>
<b>Top panel</b>	<ul style="list-style-type: none"> <li>• Solid top panel with brush baffled cutout can accommodate power cords for 3-phase PDUs.</li> </ul>
<b>Power distribution unit (PDU) tray</b>	<ul style="list-style-type: none"> <li>• Cisco R42612 racks support industry-standard PDUs including Cisco RP Series PDUs.</li> <li>• Integrated PDU trays allow quick toolless mounting of 0-rack-unit (0RU) PDUs.</li> <li>• Deeply inset PDU trays reduce PDU interference and improve the serviceability of Cisco UCS servers.</li> <li>• Robust cable management attachment points support both ¼-turn toolless solutions and zip ties.</li> </ul>
<b>Other</b>	<ul style="list-style-type: none"> <li>• Stabilizer brackets are included.</li> <li>• Hardware kit with a sample of mounting hardware and cable management accessories is included.</li> <li>• Joining kit option connects adjacent standard or expansion racks within a row.</li> <li>• Grounding kit is available as an option.</li> <li>• Casters permit greater mobility.</li> <li>• RU markings on rack rails simplify equipment installation.</li> <li>• Racks are UL 2416 and CSA C22.2 No. 60950-1-07 compliant and RoHS compliant.</li> </ul>

## Product Specifications

Table 2 lists the specifications for the Cisco R42612 Rack.

**Table 2.** Product Specifications

Cisco R42612 Rack	Standard	Expansion	Dynamic
<b>Dimensions (H x W x D)</b>	79.3 x 23.5 x 49.8 in (/2013 x 597 x 1266 mm)	79.3 x 23.5 x 49.8 in (/2013 x 597 x 1266 mm)	79.3 x 23.5 x 49.8 in (/2013 x 597 x 1266 mm)
<b>Dimensions (H x W x D) with packaging</b>	84.3 x 36.2 x 54.8 in (/2140 x 920 x 1393 mm)	84.3 x 36.2 x 54.8 in (/2140 x 920 x 1393 mm)	86.4 x 46.4 x 57.4 in (/2195 x 1180 x 1460 mm)
<b>Weight without packaging</b>	339 lb (/154 kg)	264 lb (/120 kg)	359 lb (/163 kg)
<b>Weight with packaging</b>	410 lb (/186 kg)	335 lb (/152 kg)	705 lb (/320 kg)
<b>Side panels included</b>	Yes	No	Yes
<b>Equipment mounting capacity</b>	42RU	42RU	42RU
<b>Static load capacity</b>	3000 lb (1360 kg) of IT equipment	3000 lb (1360 kg) of IT equipment	3000 lb (1360 kg) of IT equipment
<b>Dynamic load capacity</b>	2700 lb (1224 kg) of IT equipment	2700 lb (1224 kg) of IT equipment	2700 lb (1224 kg) of IT equipment
<b>Ship load capacity</b>	Not available	Not available	2700 lb (1224 kg) of IT equipment

## Warranty Information

Find warranty information on Cisco.com on the [Product Warranties](#) page.

## Ordering Information

To place an order, visit the [Cisco Ordering homepage](#).

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## For More Information

For additional information about the Cisco R42612 Rack, contact your local Cisco representative or visit:

- <http://www.cisco.com/c/en/us/products/servers-unified-computing/r-series-racks/index.html>
- <http://www.cisco.com/c/en/us/products/servers-unified-computing/rp-series-power-distribution-units/index.html>



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