

G Series

Network Cabinet

Network cabinets are platforms providing physical protection and support for IT equipment in data centers and low-current equipment rooms. Rigid in physical structure, they must offer sufficient cable management space, adequate power supplies, and good thermal management.



Product Structure



Standards Compliance

Compliant with ANSI/EIA RS-310-D, IEC297-2, DIN41494 PART1, DIN41494 PART7 and GB/T3047.2-92 standards, and ETSI standard.



Product Features

- Elegant appearance, excellent craftsmanship, well-thought-out dimensions.
- Single flat hexagonal mesh front door, double flat hexagonal mesh rear door; mesh hole ventilation rate up to 75%.
- Aluminized zinc square-hole strips and mounting beam, automatically equipotential upon installation.
- Trapezoid mounting beam compliant with mechanical principles for increased load-bearing capacity.
- Adequate supply of ingress holes in upper frame, allows flexible cabling, maintaining separation between low and high-current cabling.
- Ingress holes sufficient for 1,000 CAT6 cable.
- Multiple front and rear door solutions; both front and rear doors can be replaced with double doors.
- Detachable packages; 1/2-2/3 packing volume reduction.
- Equipped with two fan modules as standard, for easy repair; stock a single fan model for use in all kinds of large cabinets.



Product Parameters

Specifications	Parameter
Operating Temperature	-40°C to +60°C
Ambient Humidity	≤ 95% RH (+40 °C)
Square-hole Strip and Mounting Beam Material	Anti-fingerprint aluminum-coated zinc sheet
Other Plates' Material	Quality SPCC cold-rolled sheet
Plate Thickness	Square-hole strip: 2.0 mm, mounting beam: 1.5 mm, other: 1.2 mm
Surface Finish	Degreased, vitrified, and electrostatically sprayed
Protection Grade	IP20
Rack Load-bearing Capacity	≥ 800 kg



Order Guide

Cabinet numbering definition:

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- Color (00: RAL7035SN; 01: RAL9004SN)
- Rear door (0: single metal plate door, 8: single flat hexagonal mesh door)
- Color of glass door trim strip (7: bright red; 9: light blue)
- Capacity (18 U, 22 U, 27 U, 32 U, 37 U, 42 U, 47 U)
- Depth (600, 800, 900, 1000, 1100, 1200)
- Width (600, 800)
- Front door (G1, G2, G3, G4, G5, G6, GS, GD front door)

Type	Capacity (U)	Width (mm)	Depth (mm)	Installation Depth (mm)	Height		
GX.6642.XXXX	42	600	600	361	2,055		
GX.6842.XXXX			800	561			
GX.6942.XXXX			900	661			
GX.6042.XXXX			1,000	736			
GX.6142.XXXX			1,100	736			
GX.6242.XXXX			1,200	736			
GX.8642.XXXX		800	600	308			
GX.8842.XXXX			800	508			
GX.8942.XXXX			900	608			
GX.8042.XXXX			1,000	708			
GX.8142.XXXX			1,100	733			
GX.8242.XXXX			1,200	733			
GX.6647.XXXX		47	600	600		361	2,277
GX.6847.XXXX				800		561	
GX.6947.XXXX	900			661			
GX.6047.XXXX	1,000			736			
GX.6147.XXXX	1,100			736			
GX.6247.XXXX	1,200			736			
GX.8647.XXXX	800		600	308			
GX.8847.XXXX			800	508			
GX.8947.XXXX			900	608			
GX.8047.XXXX			1,000	708			
GX.8147.XXXX			1100	733			
GX.8247.XXXX			1200	733			