

Wilson Engineered Systems, Inc.
Server Cabinet Selection Overview

Our server cabinet offering is very complete with options from very basic cabinets to ones with built in heat exchangers and ones for Cisco gear with side to side airflow patterns. Following is a brief guide.

Cabinet Types:

- Basic - lowest cost and size for low density applications
 - 24" w x 36" deep
- Server - Typical for many IT centers with low to medium density computing
 - 24" w x 42" or 48" deep, 42 or 44U
- Blade - A wider server cabinet to provide room for high density computing and extensive cabling. The added room on each side allows the cabling to not block access and airflow.
 - 30" w x 42" or 48" deep, 42 or 44U
- Network - A wide cabinet to handle switches, patch panels and side to side airflow equipment with available baffling to maintain hot cold aisle needs.
 - 36" or 42" w x 42" or 48" deep, 42 or 44U

Our "typical" configurations are:

- Basic B for open rack mounting equipment (36" depth, 42 U) (Request Proposal: 103229)
 - Open frame Basic Cabinet, 50 US 10-32 Cage Nuts, rear CPDU Section on each side
- Basic B1 for first cabinet in a row (36" depth, 42 U) (Request Proposal: 103230)
 - Closed frame Basic Cabinet with mesh doors, locks, exterior side panels, solid top and bottom panels, 50 US 10-32 Cage Nuts, rear CPDU Section on each side
- Basic B2 - same as above without side panels for additional cabinets in a row* (Request Proposal: 103231)
- Server S1 for first cabinet in row (42" depth, 42U) (Request Proposal: 103232)
 - Closed frame Server Cabinet with mesh doors, locks, exterior side panels, solid top and bottom panels each with (2) 6" diameter brushed grommet cable ports, 50 US 10-32 Cage Nuts, rear CPDU Section on each side, Vertical Velcro Cable Management for each side of cabinet in rear
- Server S2 - same as above without side panels for additional cabinets in a row* (Request Proposal: 103233)
- Server SD1 for first cabinet in row (48" depth, 44U) (Request Proposal: 103234)
 - Closed frame deep Server Cabinet with mesh doors, locks, exterior side panels, solid top and bottom panels each with (2) 6" diameter brushed grommet cable ports, 50 US 10-32 Cage Nuts, dual rear CPDU Section on each side, Vertical Velcro Cable Management for each side of cabinet in rear
- Server SD2 - same as above without side panels for additional cabinets in a row* (Request Proposal: 103235)

*One exterior panel from the first cabinet in row relocates to the outside of this cabinet to provide an enclosed row of cabinets, each open to adjacent cabinets.

Options include casters, decorative doors, chimney exhaust flanges, alternate cable management, rear door heat exchangers and more.