



The bridge to possible

[Data sheet](#)
Cisco public



Cisco Business 350 Series Managed Switches

Feature	Description			
	CBS350-8FP-E-2G	110V=17.07W 220V=16.68W	110V=147.48W 220V=145.26W	503.22
	CBS350-16T-2G	110V=18.63W 220V=18.37W	N/A	64.46
	CBS350-16T-E-2G	110V=19.63W 220V=19.32W	N/A	65.92
	CBS350-16P-2G	110V=24.51W 220V=25.01W	110V=156.4W 220V=154.5W	124.20
	CBS350-16P-E-2G	110V=23.65W 220V=23.68W	110V=150.1W 220V=148.8W	102.71
	CBS350-16FP-2G	110V=27.53W 220V=26.68W	110V=284W 220V=279.8W	150.13
	CBS350-24T-4G	110V=25.91W 220V=25.63W	N/A	89.13
	CBS350-24P-4G	110V=34.42W 220V=33.09W	110V=239.7W 220V=236.4W	152.52
	CBS350-24FP-4G	110V=46.60W 220V=46.35W	110V=449.7W 220V=438.3W	271.95
	CBS350-48T-4G	110V=48.27W 220V=48.64W	N/A	165.96
	CBS350-48P-4G	110V=60.77W 220V=59.73W	110V=451.95W 220V=445.85W	1,542.12
	CBS350-48FP-4G	110V=73.79W 220V=74.03W	110V=886.42W 220V=859.50W	3,024.59
	CBS350-24T-4X	110V=27.54W 220V=27.25W	N/A	93.32
	CBS350-24P-4X	110V=35.72W 220V=34.53W	110V=240.4W 220V=236.9W	154.91
	CBS350-24FP-4X	110V=47.14W 220V=47.01W	110V=451.8W 220V=437.4W	279.11
	CBS350-48T-4X	110V=51.01W 220V=50.58W	N/A	174.06

Feature	Description			
	CBS350-48P-4X	110V=61.53W 220V=60.73W	110V=471.90W 220V=463.32W	1,610.19
	CBS350-48FP-4X	110V=76.18W 220V=76.22W	110V=889.35W 220V=865.02W	3,034.59
Ports	Model Name	Total System Ports	RJ-45 Ports	Combo Ports(RJ 45 + Small form-factor pluggable [SFP])
	CBS350-8T-E-2G	10 Gigabit Ethernet	8 Gigabit Ethernet	2 Gigabit Ethernet combo
	CBS350-8P-2G	10 Gigabit Ethernet	8 Gigabit Ethernet	2 Gigabit Ethernet combo
	CBS350-8P-E-2G	10 Gigabit Ethernet	8 Gigabit Ethernet	2 Gigabit Ethernet combo
	CBS350-8FP-2G	10 Gigabit Ethernet	8 Gigabit Ethernet	2 Gigabit Ethernet combo
	CBS350-8FP-E-2G	10 Gigabit Ethernet	8 Gigabit Ethernet	2 Gigabit Ethernet combo
	CBS350-16T-2G	18 Gigabit Ethernet	16 Gigabit Ethernet	2 SFP
	CBS350-16T-E-2G	18 Gigabit Ethernet	16 Gigabit Ethernet	2 SFP
	CBS350-16P-2G	18 Gigabit Ethernet	16 Gigabit Ethernet	2 SFP
	CBS350-16P-E-2G	18 Gigabit Ethernet	16 Gigabit Ethernet	2 SFP
	CBS350-16FP-2G	18 Gigabit Ethernet	16 Gigabit Ethernet	2 SFP
	CBS350-24T-4G	28 Gigabit Ethernet	24 Gigabit Ethernet	4 SFP
	CBS350-24P-4G	28 Gigabit Ethernet	24 Gigabit Ethernet	4 SFP
	CBS350-24FP-4G	28 Gigabit Ethernet	24 Gigabit Ethernet	4 SFP
	CBS350-48T-4G	52 Gigabit Ethernet	48 Gigabit Ethernet	4 SFP
	CBS350-48P-4G	52 Gigabit Ethernet	48 Gigabit Ethernet	4 SFP
	CBS350-48FP-4G	52 Gigabit	48 Gigabit Ethernet	4 SFP

Feature	Description			
		Ethernet		
	CBS350-24T-4X	24 Gigabit Ethernet + 4 10Gigabit Ethernet	24 Gigabit Ethernet	4 SFP+
	CBS350-24P-4X	24 Gigabit Ethernet + 4 10Gigabit Ethernet	24 Gigabit Ethernet	4 SFP+
	CBS350-24FP-4X	24 Gigabit Ethernet + 4 10Gigabit Ethernet	24 Gigabit Ethernet	4 SFP+
	CBS350-48T-4X	48 Gigabit Ethernet + 4 10Gigabit Ethernet	48 Gigabit Ethernet	4 SFP+
	CBS350-48P-4X	48 Gigabit Ethernet + 4 10Gigabit Ethernet	48 Gigabit Ethernet	4 SFP+
	CBS350-48FP-4X	48 Gigabit Ethernet + 4 10Gigabit Ethernet	48 Gigabit Ethernet	4 SFP+
Console port	Cisco Standard mini USB Type-B / RJ45 console port			
USB slot	USB Type-A slot on the front panel of the switch for easy file and image management			
Buttons	Reset button			
Cabling type	Unshielded Twisted Pair (UTP) Category 5e or better for 1000BASE-T			
LEDs	System, Link/Act, PoE, Speed			
Flash	256 MB			
CPU	800 MHz ARM			
DRAM	512 MB			
Packet buffer	All numbers are aggregate across all ports as the buffers are dynamically shared:			
	Model Name		Packet Buffer	
	CBS350-8T-E-2G		1.5 MB	
	CBS350-8P-2G		1.5 MB	
	CBS350-8P-E-2G		1.5 MB	
	CBS350-8FP-2G		1.5 MB	
	CBS350-8FP-E-2G		1.5 MB	
	CBS350-16T-2G		1.5 MB	

Feature	Description			
	CBS350-16T-E-2G		1.5 MB	
	CBS350-16P-2G		1.5 MB	
	CBS350-16P-E-2G		1.5 MB	
	CBS350-16FP-2G		1.5 MB	
	CBS350-24T-4G		1.5 MB	
	CBS350-24P-4G		1.5 MB	
	CBS350-24FP-4G		1.5 MB	
	CBS350-48T-4G		3 MB	
	CBS350-48P-4G		3 MB	
	CBS350-48FP-4G		3 MB	
	CBS350-24T-4X		1.5 MB	
	CBS350-24P-4X		1.5 MB	
	CBS350-24FP-4X		1.5 MB	
	CBS350-48T-4X		3 MB	
	CBS350-48P-4X		3 MB	
	CBS350-48FP-4X		3 MB	
Supported SFP modules	SKU	Media	Speed	Maximum Distance
	MGBSX1	Multimode fiber	1000 Mbps	500 m
	MGBLX1	Single-mode fiber	1000 Mbps	10 km
	MGBLH1	Single-mode fiber	1000 Mbps	40 km
	MGBT1	UTP cat 5e	1000 Mbps	100 m
	GLC-SX-MMD	Multimode fiber	1000 Mbps	550 m
	GLC-LH-SMD	Single-mode fiber	1000 Mbps	10 km
	GLC-BX-U	Single-mode fiber	1000 Mbps	10 km

Feature	Description			
	GLC-BX-D	Single-mode fiber	1000 Mbps	10 km
	GLC-TE	UTP cat 5e	1000 Mbps	100 m
	SFP-H10GB-CU1M	Copper coax	10 Gig	1 m
	SFP-H10GB-CU3M	Copper coax	10 Gig	3 m
	SFP-H10GB-CU5M	Copper coax	10 Gig	5 m
	SFP-10G-SR	Multimode fiber	10 Gig	26 m - 400 m
	SFP-10G-LR	Single-mode fiber	10 Gig	10 km
	SFP-10G-SR-S	Multimode fiber	10 Gig	26 m - 400 m
	SFP-10G-LR-S	Single-mode fiber	10 Gig	10 km
Environmental				
Unit dimensions (W x H x D)	Model Name		Unit Dimensions	
	CBS350-8T-E-2G		268 x 185 x 44 mm (10.56 x 7.28 x 1.73 in)	
	CBS350-8P-2G		268 x 323 x 44 mm (10.56 x 12.73 x 1.73 in)	
	CBS350-8P-E-2G		268 x 185 x 44 mm (10.56 x 7.28 x 1.73 in)	
	CBS350-8FP-2G		268 x 323 x 44 mm (10.56 x 12.73 x 1.73 in)	
	CBS350-8FP-E-2G		268 x 185 x 44 mm (10.56 x 7.28 x 1.73 in)	
	CBS350-16T-2G		268 x 272 x 44 mm (10.56 x 10.69 x 1.73 in)	
	CBS350-16T-E-2G		268 x 210 x 44 mm (10.56 x 8.26x 1.73 in)	
	CBS350-16P-2G		268 x 297 x 44 mm (10.56 x 11.69 x 1.73 in)	
	CBS350-16P-E-2G		268 x 210 x 44 mm (10.56 x 8.26x 1.73 in)	
	CBS350-16FP-2G		268 x 308 x 44 mm (10.56 x 12.14 x 1.73 in)	
	CBS350-24T-4G		445 x 240 x 44 mm (17.5 x 9.45 x 1.73 in)	
	CBS350-24P-4G		445 x 299 x 44 mm (17.5 x 11.76 x 1.73 in)	
	CBS350-24FP-4G		445 x 345 x 44 mm (17.5 x 13.59 x 1.73 in)	
	CBS350-48T-4G		445 x 273 x 44 mm (17.5 x 10.73 x 1.73 in)	
	CBS350-48P-4G		445 x 350 x 44 mm (17.5 x 13.78 x 1.73 in)	
	CBS350-48FP-4G		445 x 350 x 44 mm (17.5 x 13.78 x 1.73 in)	

Feature	Description	
	CBS350-24T-4X	445 x 240 x 44 mm (17.5 x 9.45 x 1.73 in)
	CBS350-24P-4X	445 x 299 x 44 mm (17.5 x 11.76 x 1.73 in)
	CBS350-24FP-4X	445 x 345 x 44 mm (17.5 x 13.59 x 1.73 in)
	CBS350-48T-4X	445 x 273 x 44 mm (17.5 x 10.73 x 1.73 in)
	CBS350-48P-4X	445 x 350 x 44 mm (17.5 x 13.78 x 1.73 in)
	CBS350-48FP-4X	445 x 350 x 44 mm (17.5 x 13.78 x 1.73 in)
Unit weight	Model Name	Unit Weight
	CBS350-8T-E-2G	1.7 kg (3.75 lb)
	CBS350-8P-2G	3.5 kg (7.72 lb)
	CBS350-8P-E-2G	3.5 kg (7.72 lb)
	CBS350-8FP-2G	3.5 kg (7.72 lb)
	CBS350-8FP-E-2G	3.5 kg (7.72 lb)
	CBS350-16T-2G	1.78 kg (3.92 lb)
	CBS350-16T-E-2G	1.42 kg (3.13 lb)
	CBS350-16P-2G	2.38 kg (5.25 lb)
	CBS350-16P-E-2G	1.42 kg (3.13 lb)
	CBS350-16FP-2G	2.49 kg (5.49 lb)
	CBS350-24T-4G	2.63 kg (5.80 lb)
	CBS350-24P-4G	3.53 kg (7.78 lb)
	CBS350-24FP-4G	4.6 kg (10.14 lb)
	CBS350-48T-4G	3.95 kg (8.71 lb)
	CBS350-48P-4G	5.43 kg (11.97 lb)
	CBS350-48FP-4G	5.82 kg (12.83 lb)
	CBS350-24T-4X	2.78 kg (6.13 lb)
	CBS350-24P-4X	3.68 kg (8.11 lb)
	CBS350-24FP-4X	4.6 kg (10.14 lb)
	CBS350-48T-4X	3.95 kg (8.71 lb)

Feature	Description			
	CBS350-48P-4X	5.43 kg (11.97 lb)		
	CBS350-48FP-4X	5.82 kg (12.83 lb)		
Power	100-240V 50-60 Hz, internal, universal: CBS350-8P-2G, CBS350-8FP-2G, CBS350-16T-2G, CBS350-16P-2G, CBS350-16FP-2G, CBS350-24T-4G, CBS350-24P-4G, CBS350-24FP-4G, CBS350-48T-4G, CBS350-48P-4G, CBS350-48FP-4G, CBS350-24T-4X, CBS350-24P-4X, CBS350-24FP-4X, CBS350-48T-4X, CBS350-48P-4X, CBS350-48FP-4X 100-240V 50-60 Hz, external: CBS350-8T-E-2G, CBS350-8P-E-2G, CBS350-8FP-E-2G, CBS350-16T-E-2G, CBS350-16P-E-2G			
Certification	UL (UL 60950), CSA (CSA 22.2), CE mark, FCC Part 15 (CFR 47) Class A			
Operating temperature	23° to 122° F (−5° to 50° C)			
Storage temperature	−13° to 158° F (−25° to 70° C)			
Operating humidity	10% to 90%, relative, noncondensing			
Storage humidity	10% to 90%, relative, noncondensing			
Acoustic noise and Mean Time Between Failure (MTBF)	Model Name	FAN (Number)	Acoustic Noise	MTBF at 25° C (hours)
	CBS350-8T-E-2G	Fanless	N/A	2,171,669
	CBS350-8P-2G	Fanless	N/A	1,786,412
	CBS350-8P-E-2G	Fanless	N/A	1,706,649
	CBS350-8FP-2G	Fanless	N/A	1,786,412
	CBS350-8FP-E-2G	Fanless	N/A	1,706,649
	CBS350-16T-2G	Fanless	N/A	2,165,105
	CBS350-16T-E-2G	Fanless	N/A	2,165,105
	CBS350-16P-2G	Fanless	N/A	706,983
	CBS350-16P-E-2G	Fanless	N/A	706,983
	CBS350-16FP-2G	Fanless	N/A	706,983
	CBS350-24T-4G	Fanless	N/A	2,026,793
	CBS350-24P-4G	Fanless	N/A	698,220
	CBS350-24FP-4G	1	25° C: 34.8 dBA	698,220
	CBS350-48T-4G	1	25° C: 29.7 dBA	1,452,667
	CBS350-48P-4G	1	25° C: 37.3 dBA	856,329

Feature	Description			
	CBS350-48FP-4G	1	25° C:48.7 dBA	856,301
	CBS350-24T-4X	Fanless	N/A	2,026,793
	CBS350-24P-4X	Fanless	N/A	698,220
	CBS350-24FP-4X	1	25° C: 34.8 dBA	698,220
	CBS350-48T-4X	1	25° C: 29.7 dBA	1,452,667
	CBS350-48P-4X	1	25° C:37.3 dBA	856,329
	CBS350-48FP-4X	1	25° C:48.7 dBA	856,301
Warranty	Limited lifetime with next business day advance replacement (where available)			
Package Contents				
• Cisco Business 350 Series Managed Switch • Power Cord (Power adapter for select 8-port and 16-port SKUs) • Mounting Kit • Quick Start Guide				
Minimum Requirements				
• Web browser: Chrome, Firefox, Edge, Safari • Category 5e Ethernet network cable • TCP/IP, network adapter, and network operating system (such as Microsoft Windows, Linux, or Mac OS X) installed				

Ordering information

Table 2 provides ordering information.

Table 2. Cisco Business 350 Series Switches Ordering Information

Model Name	Order Product ID Number	Description
Gigabit Ethernet		
CBS350-8T-E-2G	CBS350-8T-E-2G-xx	• 8 10/100/1000 ports • 2 Gigabit copper/SFP combo ports
CBS350-8P-2G	CBS350-8P-2G-xx	• 8 10/100/1000 PoE+ ports with 67W power budget • 2 Gigabit copper/SFP combo ports
CBS350-8P-E-2G	CBS350-8P-E-2G-xx	• 8 10/100/1000 PoE+ ports with 67W power budget • 2 Gigabit copper/SFP combo ports
CBS350-8FP-2G	CBS350-8FP-2G-xx	• 8 10/100/1000 PoE+ ports with 120W power budget • 2 Gigabit copper/SFP combo ports
CBS350-8FP-E-2G	CBS350-8FP-E-2G-xx	• 8 10/100/1000 PoE+ ports with 120W power budget • 2 Gigabit copper/SFP combo ports

Model Name	Order Product ID Number	Description
CBS350-16T-2G	CBS350-16T-2G-xx	• 16 10/100/1000 ports • 2 Gigabit SFP
CBS350-16T-E-2G	CBS350-16T-E-2G-xx	• 16 10/100/1000 ports • 2 Gigabit SFP
CBS350-16P-2G	CBS350-16P-2G-xx	• 16 10/100/1000 PoE+ ports with 120W power budget • 2 Gigabit SFP
CBS350-16P-E-2G	CBS350-16P-E-2G-xx	• 16 10/100/1000 PoE+ ports with 120W power budget • 2 Gigabit SFP
CBS350-16FP-2G	CBS350-16FP-2G-xx	• 16 10/100/1000 PoE+ ports with 240W power budget • 2 Gigabit SFP
CBS350-24T-4G	CBS350-24T-4G-xx	• 24 10/100/1000 ports • 4 Gigabit SFP
CBS350-24P-4G	CBS350-24P-4G-xx	• 24 10/100/1000 PoE+ ports with 195W power budget • 4 Gigabit SFP
CBS350-24FP-4G	CBS350-24FP-4G-xx	• 24 10/100/1000 PoE+ ports with 370W power budget • 4 Gigabit SFP
CBS350-48T-4G	CBS350-48T-4G-xx	• 48 10/100/1000 ports • 4 Gigabit SFP
CBS350-48P-4G	CBS350-48P-4G-xx	• 48 10/100/1000 PoE+ ports with 370W power budget • 4 Gigabit SFP
CBS350-48FP-4G	CBS350-48FP-4G-xx	• 48 10/100/1000 PoE+ ports with 740W power budget • 4 Gigabit SFP
Gigabit Ethernet with 10G Uplinks		
CBS350-24T-4X	CBS350-24T-4X-xx	• 24 10/100/1000 ports • 4 10 Gigabit SFP+
CBS350-24P-4X	CBS350-24P-4X-xx	• 24 10/100/1000 PoE+ ports with 195W power budget • 4 10 Gigabit SFP+
CBS350-24FP-4X	CBS350-24FP-4X-xx	• 24 10/100/1000 PoE+ ports with 370W power budget • 4 10 Gigabit SFP+
CBS350-48T-4X	CBS350-48T-4X-xx	• 48 10/100/1000 ports • 4 10 Gigabit SFP+
CBS350-48P-4X	CBS350-48P-4X-xx	• 48 10/100/1000 PoE+ ports with 370W power budget • 4 10 Gigabit SFP+
CBS350-48FP-4X	CBS350-48FP-4X-xx	• 48 10/100/1000 PoE+ ports with 740W power budget • 4 10 Gigabit SFP+

* Each combo port has one 10/100/1000 Ethernet port and one SFP Gigabit Ethernet slot, with one port active at a time.

The -xx in the Product Order ID Number is a country-/region-specific suffix. For example, the complete PID of CBS350-24P-4G for the United States is CBS350-24P-4G-NA. Please refer to Table 2 for the correct suffix to use for your country/region.