

Cisco Business 250 Series CBS250-24T-4G

Switch - L3 - smart - 24 x 10/100/1000 + 4 x Gigabit SFP - rack-mountable

Group	Network Equipment
Manufacturer	Cisco
Manufacturer item no.	CBS250-24T-4G-EU
EAN/UPC	0889728295758



Description

The Cisco Business CBS250-24T-4G switch is the next generation of affordable, smart switch that combines powerful network performance, security, and reliability with a comprehensive suite of network features you need for a solid small business network.

Main features

Product Description	Cisco Business 250 Series CBS250-24T-4G - switch - 24 ports - smart - rack-mountable
Device Type	Switch - 24 ports - L3 - smart
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
Ports	24 x 10/100/1000 + 4 x Gigabit SFP
Performance	Switching capacity: 56 Gbps Forwarding performance (64-byte packet size): 41.66 Mpps
Capacity	Link aggregation groups: 8 VLANs supported: 4094 Buffer capacity (MB): 1.5 MB
MAC Address Table Size	8K entries
Jumbo Frame Support	2KB
Routing Protocol	IGMP, policy-based routing (PBR), CIDR
Remote Management Protocol	SNMP 1, RMON, SNMP 3, SNMP 2c, SSH, SSH-2, ICMP
Features	DHCP support, ARP support, VLAN support, DoS attack prevention, Spanning Tree Protocol (STP) support, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, Access Control List (ACL) support, Quality of Service (QoS), RADIUS support, DHCP server, Dynamic ARP Inspection (DAI), Per-VLAN Spanning Tree Plus (PVST+), STP Root Guard, Uni-Directional Link Detection (UDLD), Rapid Per-VLAN Spanning Tree Plus (PVRST+), fanless, Multicast VLAN Registration (MVR), Dynamic VLAN Support (GVRP), Type of Service (ToS), Storm Control, IP source guard, Bridge protocol data unit (BPDU), Voice VLAN, Secure Core Technology (SCT), LLDP-MED, IP/Mac/Port Binding (IPMB), Secure Sensitive Data (SSD), Private VLAN, ISATAP tunnel support, STP loop guard, Weighted Round Robin (WRR), multiple tag protocol identifiers (TPID)
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.3ae, IEEE 802.1s, IEEE 802.1ab (LLDP), IEEE 802.3an, IEEE 802.3az
Power	AC 120/230 V (50/60 Hz)
Dimensions (WxDxH)	44.5 cm x 24 cm x 4.4 cm

Weight	2.63 kg
Localisation	United Arab Emirates, Indonesia, Israel, South Africa, Vietnam, Ukraine, Egypt, Thailand, Philippines, Korea, Russia, Europe, Turkey

Extended details

General

Device Type	Switch - 24 ports - L3 - smart
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Subtype	Gigabit Ethernet
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Capacity	Link aggregation groups: 8 VLANs supported: 4094 Buffer capacity (MB): 1.5 MB
MAC Address Table Size	8K entries
Jumbo Frame Support	2KB
Routing Protocol	IGMP, policy-based routing (PBR), CIDR
Remote Management Protocol	SNMP 1, RMON, SNMP 3, SNMP 2c, SSH, SSH-2, ICMP
Encryption Algorithm	SSL
Authentication Method	Secure Shell (SSH), RADIUS, TACACS+
Features	DHCP support, ARP support, VLAN support, DoS attack prevention, Spanning Tree Protocol (STP) support, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, Access Control List (ACL) support, Quality of Service (QoS), RADIUS support, DHCP server, Dynamic ARP Inspection (DAI), Per-VLAN Spanning Tree Plus (PVST+), STP Root Guard, Uni-Directional Link Detection (UDLD), Rapid Per-VLAN Spanning Tree Plus (PVRST+), fanless, Multicast VLAN Registration (MVR), Dynamic VLAN Support (GVRP), Type of Service (ToS), Storm Control, IP source guard, Bridge protocol data unit (BPDU), Voice VLAN, Secure Core Technology (SCT), LLDP-MED, IP/Mac/Port Binding (IPMB), Secure Sensitive Data (SSD), Private VLAN, ISATAP tunnel support, STP loop guard, Weighted Round Robin (WRR), multiple tag protocol identifiers (TPID)
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Processor X ARM: 800 MHz

RAM 512 MB

Flash Memory 256 MB

Status Indicators Status, link/activity

Expansion / Connectivity

Interfaces 24 x 10/100/1000 Base-T RJ-45 | 4 x 1000Base-X SFP | 1 x console (USB) Type B | 1 x USB Type A | 1 x console RJ-45

Power

Power Device Internal power supply

Voltage Required AC 120/230 V (50/60 Hz)

Miscellaneous

Rack Mounting Kit Included

MTBF	2,026,793 hours
Compliant Standards	UL 60950, CSA C22.2, FCC CFR47, USGv6
Localisation	United Arab Emirates, Indonesia, Israel, South Africa, Vietnam, Ukraine, Egypt, Thailand, Philippines, Korea, Russia, Europe, Turkey
Dimensions & Weight	
Width	44.5 cm
Depth	24 cm
Height	4.4 cm
Weight	2.63 kg
Manufacturer Warranty	
Service & Support	Limited warranty - replacement - lifetime - response time: next business day Technical support - web support - 1 year Technical support - phone consulting - 1 year
Environmental Parameters	
Min Operating Temperature	-5 °C
Max Operating Temperature	50 °C
Humidity Range Operating	10 - 90% (non-condensing)
Min Storage Temperature	-25 °C
Max Storage Temperature	70 °C
Humidity Range Storage	10 - 90% (non-condensing)

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