

Nr. d/o	Specificarea tehnică deplină solicitată, Standarde de referință	Conformitate	Descriere funcționalități oferite
1.	Layer 3 Gigabit Ethernet Switch Cerințe minime: 1. Ports: 24 x Gigabit SFP+, 1 * USB, 1 * RJ-45 management RS-232; 2. Network module: 4x 1G Network Module 3. Slot Provided: 1*Expansion slot (must support 2x10 Gigabit Ethernet network module); 4. Performance: Switching capacity - 90Gbps, Forwarding rate - 68 Mpps; 5. Stacking architecture: • Stacking bandwidth-480Gbps; Includes: 50cm stacking cable • Support StackPower Technology Includes 30 cm StackPowercable 6. Total number of MAC addresses: 32 000; 7. VLAN IDs: 4 000; 8. Jumbo frame: 9198 bytes; 9. Installed DRAM: 4 GB; 10. Compliant Standards: • IEEE 802.1as • 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 802.1s • IEEE 802.1w • IEEE 802.11 • IEEE 802.1x • IEEE 802.1x-Rev • IEEE 802.3ad • IEEE 802.3af • IEEE 802.3at • IEEE 802.3bz	DA	Produsul oferit ar Cisco Catalyst 3850 24 Port Data IP Services WS-C3850-24T-E: 1. Ports: 24 x Gigabit SFP+, 1 * USB, 1 * RJ-45 management RS-232; 2. Network module: 4x 1G Network Module 3. Slot Provided: 1*Expansion slot (must support 2x10 Gigabit Ethernet network module); 4. Performance: Switching capacity - 90Gbps, Forwarding rate - 68 Mpps; 5. Stacking architecture: • Stacking bandwidth-480Gbps; Includes: 50cm stacking cable • Support StackPower Technology Includes 30 cm StackPowercable 6. Total number of MAC addresses: 32 000; 7. VLAN IDs: 4 000; 8. Jumbo frame: 9198 bytes; 9. Installed DRAM: 4 GB; 10. Compliant Standards: • IEEE 802.1as • 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 802.1s • IEEE 802.1w • IEEE 802.11 • IEEE 802.1x • IEEE 802.1x-Rev • IEEE 802.3ad • IEEE 802.3af • IEEE 802.3at • IEEE 802.3bz



- IEEE 802.1Qat Stream Reservation Protocol
 - IEEE 802.1Qav
 - RMON I and II standards
 - SNMPv1, SNMPv2c, and SNMPv3;
11. Management: CLI, RMON 1, RMON 2, SNMP 1, SNMP 2c, SNMP 3, SSH, Telnet;
 12. Routing: BGP-4, RIPv2, EIGRP, EIGRP for IPv6, IS-IS, OSPFv3, PIM-SM, PIM-SSM, RIPv1, RIPv2;
13. Features:
- Auto-negotiation, ARP support, trunking, VLAN support, auto-uplink(auto MDI/MDI-X), IGMP snooping, Syslog support, IPv6 support, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, Dynamic Trunking Protocol (DTP) support, Port Aggregation Protocol (PAgP) support, Trivial File Transfer Protocol (TFTP) support, Access Control List (ACL) support, Quality of Service (QoS), RADIUS support, Virtual Route Forwarding Lite
- (VRF-Lite), MLD snooping, Dynamic ARP Inspection (DAI), STP Root Guard, Uni-Directional Link Detection (UDLD), Rapid Per-VLAN Spanning Tree Plus (PVST+), IPv4 support, Shaped Round Robin (SRR), Link Aggregation Control Protocol (LACP), Remote Switch Port Analyzer (RSPAN), layer 3 load balancing;
14. MTBF Hours (nu mai puțin de): 300'000;
15. Power:
- Frequency Required: 50Hz;
 - Power supply rated maximum: 715W;
 - Nominal Voltage: AC 230 V;
 - Internal Redundant Power Supply (Redundancy: 1+1);
16. Wireless:
- Number of access points per switch/stack, support for up to 100 access points;
 - Number of wireless clients per switch/stack, support for up to 2000;
 - Total number of WLANs per switch, support for up to 64;
17. Dimensions (H x W x D)cm: 4.45 x 44.5 x 45.0, rack-mountable 1U;
 18. Weight: max.7.2
 19. Warranty: 36 months.

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 19. Warranty: 36 months.
 20. Livrarea: 49-60 zile.



Produsul oferit va fi livrat în următoarea componență:

1.0	WS-C3850-24T-E	Cisco Catalyst 3850 24 Port Data IP Services	2
1.0	CON-SNT-WSC384TE	SNTC-8XSXNBD Cisco Catalyst 3850 24 Port Data IP Serv	2
1.1	S3850UK9-163	UNIVERSAL	2
1.2	PWR-C1-715WAC/2	715W AC Config 1 Secondary Power Supply	2
1.3	CAB-TA-EU STACK-T1-50CM	Europe AC Type A Power Cable 50CM Type 1 Stacking Cable	4
1.4	CAB-SPWR-30CM	Catalyst Stack Power Cable 30 CM	2
1.5	PWR-C1-350WAC	350W AC Config 1 Power Supply	2
1.6	C3850-DNA-OPTOUT	DNA SUBSCRIPTION OPTOUT	2
1.7	C3850-NM-4-1G	Cisco Catalyst 3850 4 x 1GE Network Module	2

