



memory express
020 8453 9700

Memory Express Ltd
51 Park Royal Road,
London,
NW10 7LQ

Tel: 020 8453 9700
Web: www.memory-express.co.uk
Email: sales@memory-express.co.uk



Cisco Nexus 5548UP Network Switch Chassis Includes 32 Fixed Unified Ports, Front-to-Back Airflow, 2 x 750W AC Power Supplies, Fan Trays, 1 x Expansion Slot



In a constantly changing business environment, companies are calling upon their IT departments to help them reduce costs, improve productivity, and introduce new ways to interact with their customer base. The Cisco Nexus 5500 platform extends the industry-leading versatility of the Cisco Nexus 5000 Series Switches of purpose-built 10 Gigabit Ethernet data centre-class switches and provides innovative advances toward higher density, lower latency, and multilayer services. The Cisco Nexus 5500 platform is well suited for enterprise-class data centre server access-layer deployments across a diverse set of physical, virtual, storage-access, and high-performance computing (HPC) data centre environments.

Barcode	0882658413698
Fixed Ports	32 port(s) x 10/100/1000/10000Mbps ,
Dimensions	43.90cm (W) x 74.90cm (D) x 4.40cm (H) - Weight 15.88kg



memory express
020 8453 9700

Memory Express Ltd
51 Park Royal Road,
London,
NW10 7LQ

Tel: 020 8453 9700
Web: www.memory-express.co.uk
Email: sales@memory-express.co.uk



Cisco Nexus 5548UP Network Switch Chassis **Includes 32 Fixed Unified Ports, Front-to-Back** **Airflow, 2 x 750W AC Power Supplies, Fan** **Trays, 1 x Expansion Slot**



Barcode

0882658413698

Routing

Layer 2 Services

Layer 2 switch ports and VLAN trunks IEEE 802.1Q VLAN encapsulation Support for up to 4096 VLANs Rapid Per-VLAN Spanning Tree Plus (PVRST+) (IEEE 802.1w compatible) Multiple Spanning Tree Protocol (MSTP) (IEEE 802.1s): 64 instances Spanning Tree PortFast Spanning Tree root guard Spanning Tree Bridge Assurance Cisco EtherChannel technology (up to 16 ports per EtherChannel) Cisco vPC technology vPC configuration synchronization Link Aggregation Control Protocol (LACP): IEEE 802.3ad Advanced PortChannel hashing based on Layer 2, 3, and 4 information Jumbo frames on all ports (up to 9216 bytes) Pause frames (IEEE 802.3x) Storm control (unicast, multicast, and broadcast) Private VLANs Private VLAN over trunks (Isolated and Promiscuous) Private VLANs over vPC and EtherChannels

Layer 3 Services

Layer 3 interfaces: Routed ports on Cisco Nexus 5500 platform interfaces, switch virtual interface (SVI), PortChannels, subinterfaces, and PortChannel subinterfaces for a total of 4096 entries Support for up to 8000 prefixes and up to 8000 host entries Support for up to 2000 multicast routes Support for 1000 VRF entries Support for up to 4096 VLANs 16-way equal-cost multipathing (ECMP) 2000 ingress and 1000 egress access control list (ACL) entries Routing protocols: Static, Routing Information Protocol Version2 (RIPv2), Enhanced Interior Gateway Routing Protocol (EIGRP), Open Shortest Path First Version 2 (OSPFv2), and Border Gateway Protocol (BGP) Hot-Standby Router Protocol (HSRP) and Virtual Router Redundancy Protocol (VRRP) ACL: Routed ACL with Layer 3 and 4 options to match ingress and egress ACL Multicast: Protocol Independent Multicast Version 2 (PIMv2) sparse mode, Source Specific Multicast (SSM), Multicast Source Discovery Protocol (MSDP), and Internet Group Management Protocol Versions 2, and 3 (IGMP v2, and v3) Virtual Route Forwarding (VRF): VRF-lite (IP VPN); VRF-aware unicast; and BGP-, OSPF-, RIP-, and VRF-aware multicast Unicast Reverse Path Forwarding (uRPF) with ACL; strict and loose modes Jumbo frame support (up to 9216 bytes)

Interfaces Ports

Network Speeds Supported

10/100/1000 + 10,000MBps



memory express
020 8453 9700

Memory Express Ltd
51 Park Royal Road,
London,
NW10 7LQ

Tel: 020 8453 9700
Web: www.memory-express.co.uk
Email: sales@memory-express.co.uk



Cisco Nexus 5548UP Network Switch Chassis **Includes 32 Fixed Unified Ports, Front-to-Back** **Airflow, 2 x 750W AC Power Supplies, Fan** **Trays, 1 x Expansion Slot**



Fixed Ports

32 port(s) x 10/100/1000/10000Mbps ,

Compliance

Standards Compliance

IEEE 802.1D: Spanning Tree Protocol IEEE 802.1p: CoS prioritization IEEE 802.1Q: VLAN tagging IEEE 802.1Qaz: Enhanced transmission selection IEEE 802.1Qbb: Per-priority Pause IEEE 802.1s: Multiple VLAN instances of Spanning Tree Protocol IEEE 802.1w: Rapid reconfiguration of Spanning Tree Protocol IEEE 802.3: Ethernet IEEE 802.3ad: LACP with fast timers IEEE 802.3ae: 10 Gigabit Ethernet SFF 8431 SFP+ CX1 support RMON

Emissions

47CFR Part 15 (CFR 47) Class A AS/NZS CISPR22 Class A CISPR22 Class A EN55022 Class A ICES003 Class A VCCI Class A EN61000-3-2 EN61000-3-3 KN22 Class A CNS13438 Class A

Immunity

EN55024 CISPR24 EN300386 KN 61000-4 series

Safety

UL 60950-1 Second Edition CAN/CSA-C22.2 No. 60950-1 Second Edition EN 60950-1 Second Edition IEC 60950-1 Second Edition AS/NZS 60950-1 GB4943

System

Management Capabilities

Switch management using 10/100/1000-Mbps management or console ports CLI-based console to provide detailed out-of-band management In-band switch management Locator and beacon LEDs on Cisco Nexus 2000 Series Port-based locator and beacon LEDs Configuration synchronization Module preprovisioning Configuration rollback Secure Shell Version 2 (SSHv2) Telnet AAA AAA with RBAC RADIUS TACACS+ Syslog Embedded packet analyzer SNMPv1, v2, and v3 Enhanced SNMP MIB support XML (NETCONF) support Remote monitoring (RMON) Advanced Encryption Standard (AES) for management traffic Unified username and passwords across CLI and SNMP Microsoft Challenge Handshake Authentication Protocol (MS-CHAP) Digital certificates for management between switch and RADIUS server Cisco Discovery Protocol Versions 1 and 2 RBAC Switched Port Analyzer (SPAN) on physical, PortChannel, VLAN, and Fibre Channel interfaces Ingress and egress packet counters per interface Network Time Protocol (NTP) Cisco GOLD Comprehensive bootup diagnostic tests Call Home Smart Call Home Cisco Fabric Manager Cisco DCNM CiscoWorks LAN Management Solution (LMS)



Cisco Nexus 5548UP Network Switch Chassis

Includes 32 Fixed Unified Ports, Front-to-Back Airflow, 2 x 750W AC Power Supplies, Fan Trays, 1 x Expansion Slot



Security

Ingress ACLs (standard and extended) on Ethernet and virtual Ethernet ports Standard and extended Layer 2 ACLs: MAC addresses, protocol type, etc. Standard and extended Layer 3 to 4 ACLs: IPv4 and v6, Internet Control Message Protocol (ICMP), TCP, User Datagram Protocol (UDP), etc. VLAN-based ACLs (VACLs) Port-based ACLs (PACLs) Named ACLs ACL logging and statistics Optimized ACL distribution ACLs on virtual terminals (VTYs) Dynamic Host Configuration Protocol (DHCP) snooping with Option 82 Dynamic Address Resolution Protocol (ARP) Inspection IP source guard DHCP relay

System Requirements

System Requirements

The Cisco Nexus 5500 platform is supported by Cisco NX-OS Software Release 5.0 and later. The Cisco Nexus 5548UP, 5596UP, Unified Port expansion module, and Layer 3 modules are supported by Cisco NX-OS Software Release 5.0(3)N1.1 and later.

Electrical

Voltage/Power/Frequency

100 to 240VAC / 50 to 60Hz

Power Adaptor Type

AC

Environmental

Environmental

Operating Temperature 0 to 40C - Humidity 5 to 95%

Physical

Dimensions

43.90cm (W) x 74.90cm (D) x 4.40cm (H) - Weight 15.88kg



memory express
020 8453 9700

Memory Express Ltd
51 Park Royal Road,
London,
NW10 7LQ

Tel: 020 8453 9700
Web: www.memory-express.co.uk
Email: sales@memory-express.co.uk



Cisco Nexus 5548UP Network Switch Chassis Includes 32 Fixed Unified Ports, Front-to-Back Airflow, 2 x 750W AC Power Supplies, Fan Trays, 1 x Expansion Slot



About Memory Express

Although we started out selling just Memory the best part of fifteen years ago, we have diversified organically over the years at the request of our customers. We specialise in Networking, Storage and Disaster Recovery and have the knowledge, experience and strategic partnerships to provide you with the service and value you demand - quality products, reasonably priced and delivered on time.

Memory Express can offer you a full range of installation and configuration services for hardware and software as well as detailed, accurate advice on all aspects of your IT projects. You'll be glad to know that we don't have a room full of school leavers trying to sell products they don't understand - all our staff are seasoned IT specialists and have an average length of service of over ten years. We won't just push you towards the solution we feel like selling; we'll help you to find the one you need.

Meanwhile, online, we offer one of the largest product ranges of any UK IT supplier. Showing near live stock, in depth product information and keen pricing, we're sure you'll find what you need. We also have matched memory upgrades for over 50,000 models of computer, server, printer, phone and camera, guaranteeing you the right memory, first time. All this is backed up by the same great service you'd expect when dealing with us over the phone. For our regular business customers, we provide T3, our corporate purchasing portal which provides a truly corporate focused buying experience.

We're conveniently located in Park Royal, London's Technology Business Park, allowing us to reach all areas of the UK quickly and efficiently. Many of our City based corporate clients benefit from same day delivery and we can offer next day delivery to established customers throughout the British Isles. Online delivery tracking and status information means that you need not worry about the whereabouts of your order.

We're proud to have built up a wide variety of partnerships with quality vendors and many of our staff hold certifications from top tier manufacturers including Microsoft, Acronis, Symantec and VMWare.

Our clients vary in size from SMEs to many of the UK's largest corporates, government departments, schools and universities, and we're pleased to say that most have been our customers for many, many years - we believe in long term business relationships, not turning a quick profit. Why not contact us now to see how we can help you get the quality of service they already enjoy?