

Lenovo CE0128PB 7Z34 - Switch

L3 - Managed - 24 x 100/1000/10000 + 4 x 1 Gigabit / 10 Gigabit SFP+ - side to side airflow - rack-mountable - PoE+ (185 W) - for ThinkAgile HX3721 Certified Node 7Y88

Group	Network Equipment
Manufacturer	Lenovo
Manufacturer item no.	7Z340012WW
EAN/UPC	0889488479597



Description

The Lenovo CE0128PB switch is a 1/10 Gb Ethernet (GbE) switch with Power over Ethernet (PoE) that delivers a compact, high-density, cost-effective GbE solution for network environments where space and power are at a premium. Featuring a small, 1U footprint, this switch is designed for access-layer deployments in branches, retail and workgroup environments, and campus networks. It can also be used as a management network switch in the data center infrastructures.

The CE0128PB switch offers 24x 10/100/1000BASE-T (RJ-45) fixed ports with Power over Ethernet (PoE) for powering attached network devices, such as telephones, video cameras, IEEE 802.11ac WLAN access points, and videophones. The switch also offers 4x SFP+ ports that support 1 GbE and 10 GbE optical transceivers, 10 GbE active optical cables (AOCs), and 10 GbE direct attach copper (DAC) cables. The switch supports a wide range of L2 and L3 features that provide performance, availability, security, and manageability for campus networks.

Main features

Product Description	Lenovo CE0128PB 7Z34 - switch - 24 ports - Managed - rack-mountable
Device Type	Switch - 24 ports - L3 - Managed - stackable
Enclosure Type	Side to side airflow rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	24 x 100/1000/10000 + 4 x 1 Gigabit / 10 Gigabit SFP+
Power Over Ethernet (PoE)	PoE+
PoE Budget	185 W
Performance	Switching throughput: 128 Gbps Port-to-port latency (1000Base-T): 4 µs Port-to-port latency (10GBase-T): 2 µs Packets per second: 95000000 packets per second
Capacity	Buffer capacity (MB): 1.5 Virtual interfaces (VLANs): 4093 Per VLAN Rapid Spanning Tree instances: 64 Multiple Spanning Tree Protocol instances: 31 LAG groups: 8 IP interfaces: 192 ARP entries: 512 Routing table entries: 512 ACL entries: 256
MAC Address Table Size	16384 entries
Jumbo Frame Support	9216 bytes
Routing Protocol	RIP-1, RIP-2, IGMPv2, IGMP, DVMRP, VRRP, OSPFv2, PIM-SM, static IP routing, PIM-DM, IGMPv3, OSPFv3, policy-based routing (PBR), MLD
Remote Management Protocol	SNMP 1, SNMP 2, SNMP 3, HTTP, HTTPS, SSH, SSH-2, CLI, SCP, SFTP

Features	ARP support, VLAN support, Syslog support, DoS attack prevention, store and forward, Broadcast Storm Control, Multicast Storm Control, Unicast Storm Control, SNTP support, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, Access Control List (ACL) support, Quality of Service (QoS), Uni-Directional Link Detection (UDLD), LLDP support, Link Aggregation Control Protocol (LACP), Per-VLAN Rapid Spanning Tree (PVRST), dual firmware images, Generic Attribute Registration Protocol (GARP), GARP VLAN Registration Protocol (GVRP), GARP Multicast Registration Protocol (GMRP), Role-Based Access Control (RBAC), DNS client, Switched Port Analyzer (SPAN), Protocol Independent Multicast (PIM), Management Access Control and Administration List (MACAL), Industry Standard Discovery Protocol (ISDP)
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 802.3ac, IEEE 802.1s, IEEE 802.1ab (LLDP), IEEE 802.3an, IEEE 802.3az
Power	AC 120/230 V
Dimensions (WxDxH)	44.1 cm x 25.4 cm x 4.4 cm
Weight	3.7 kg
Designed For	ThinkAgile HX3721 Certified Node 7Y88

Extended details	
	General
Device Type	Switch - 24 ports - L3 - Managed - stackable
Enclosure Type	Side to side airflow rack-mountable 1U
Subtype	Gigabit Ethernet
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MAC Address Table Size	16384 entries
Jumbo Frame Support	9216 bytes
Max Units In A Stack	8
Routing Protocol	RIP-1, RIP-2, IGMPv2, IGMP, DVMRP, VRRP, OSPFv2, PIM-SM, static IP routing, PIM-DM, IGMPv3, OSPFv3, policy-based routing (PBR), MLD
Remote Management Protocol	SNMP 1, SNMP 2, SNMP 3, HTTP, HTTPS, SSH, SSH-2, CLI, SCP, SFTP
Authentication Method	RADIUS, TACACS+

Features	ARP support, VLAN support, Syslog support, DoS attack prevention, store and forward, Broadcast Storm Control, Multicast Storm Control, Unicast Storm Control, SNTP support, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, Access Control List (ACL) support, Quality of Service (QoS), Uni-Directional Link Detection (UDLD), LLDP support, Link Aggregation Control Protocol (LACP), Per-VLAN Rapid Spanning Tree (PVRST), dual firmware images, Generic Attribute Registration Protocol (GARP), GARP VLAN Registration Protocol (GVRP), GARP Multicast Registration Protocol (GMRP), Role-Based Access Control (RBAC), DNS client, Switched Port Analyzer (SPAN), Protocol Independent Multicast (PIM), Management Access Control and Administration List (MACAL), Industry Standard Discovery Protocol (ISDP)
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	Expansion / Connectivity
Interfaces	24 x Gigabit LAN RJ-45 30 W 4 x Gigabit / 10Gbit LAN SFP+ 1 x management RJ-45 1 x serial (RS-232) RJ-45
	Power
Power Device	Internal power supply
Installed Qty	1
Power Provided	260 Watt
Voltage Required	AC 120/230 V
Power Consumption Operational	237 Watt
	Miscellaneous
Rack Mounting Kit	Included
MTBF	600,000 hours
Compliant Standards	TUV GS, EN 61000-3-2, EN 61000-3-3, EN55024, UL 60950-1, IEC 60950-1, FCC Part 15 A, CECP, Directive 2011/65/EU, EAC, GB 4943.1, MSA SFF-8431, NOM-019, EK1-ITB2000, KN35, ICES-003 issue 6 Class A, AS/NZS CISPR 32 Class A, KN32 Class A, YD/T993, CNS 14336-1, EN 55032 Class A, TR CU 020/2011, TR CU 004/2011, CAN/CSA-C22.2 No. 62368-1, CAN/CSA-C22.2 No. 60950-1, UL 62368-1, VCCI-CISPR 32:2016, Directive 2015/863/EU, CNS13438:2006 Class A
	Software / System Requirements
Software Included	Lenovo Campus Networking OS
	Dimensions & Weight
Width	44.1 cm
Depth	25.4 cm
Height	4.4 cm
Weight	3.7 kg
	Manufacturer Warranty
Service & Support	Limited warranty - replacement - 3 years - response time: next business day
	Environmental Parameters
Min Operating Temperature	0 °C
Max Operating Temperature	50 °C
Humidity Range Operating	5 - 95% (non-condensing)

Compatibility Information

Designed For

Lenovo ThinkAgile HX3721 Certified Node 7Y88

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