

Tabella Comparativa Switch Ethernet Eletech



	PRODUTTORE	ELETECH	Cisco	Cisco	Cisco	Cisco	Cisco	Extreme	
	MODELLO	ETSwitch3x24F2	Catalyst 2950T-24	Catalyst 2960TC	Catalyst 3560-24TS	Catalyst 3750-24PS	Catalyst 3750-24TE-M	Summit 200-24	
Port	Fixed Fast ETH ports	24 x 100BaseT	24 x 100BaseT	24 x 100BaseT	24 x 100BaseT	24 x 100BaseT	24 x 100BaseT	24 x 100BaseT	
	Fixed Giga ETH ports	4 x 1000BaseT COMBO	2 x 1000BaseT	2 x 1000BaseT COMBO	2 mini-GBIC	2 mini-GBIC	2 mini-GBIC	2 x 1000BaseT	
	Additional Ports	4 mini-GBIC	No	2 mini-GBIC	No (VTP only)	No	2 SFP Enhanced Services ports	2 mini-GBIC	
Stackable	Stackable	yes	yes	yes	yes	yes	yes	yes	
	Stacking Type	Ring (Not Dedicated)	Cluster	Cluster	Cluster	Ring (Dedicated)	Ring (Dedicated)	Ring/Chain	
	Resilient Stack	yes	yes	yes	?	yes	yes	yes	
	Hot insertion on stack	yes	?	?	?	yes	yes	yes	
Management	Console/CLI	yes	yes	yes	yes	yes	yes	yes	
	TELNET	yes	yes	yes	yes	yes	yes	yes	
	SSH	yes	yes	yes	yes	yes	yes	yes	
	WEB	yes	yes	yes	yes	yes	yes	yes	
	SNMP	v1/v2c/v3	v1/v2c/v3	v1/v2c/v3	v1/v2c/v3	v1/v2c/v3	v1/v2c/v3	v1/v2c/v3	
	RMON	4 groups	4 groups	4 groups	4 groups	4 groups	4 groups	4 groups	
	Cable diagnostics	yes	yes	yes	yes	yes	No	yes	
	Management SW-Proprietary	yes	yes	yes	yes	yes	yes	yes	
	Dual Image Firmware	yes	yes	yes	yes	yes	yes	yes	
	Task Scheduling	yes	No	No	No	No	No	Reb/Upload/Download/CabDI ag	
	BOOTP / DHCP	yes	yes	yes	yes	yes	yes	yes	
	Security	802.1x / Port Security	yes	yes	yes	yes	yes	yes	yes
		RADIUS	yes	yes	yes	yes	yes	yes	yes
		TACACS+	yes	yes	yes	yes	yes	yes	yes
E-mail Notification (SMTP)		yes	No	No	No	No	No	No	
Syslog		Local and Remote	yes	yes	yes	yes	yes	local e remoto	
MACs Limits		Per Port and VLAN	yes	yes	yes	yes	yes	yes	
SNTP		yes	yes	yes	yes	yes	yes	yes	
VLAN	Simultaneous VLANs	4094	255	255	1005	1005	1024	255	
	VLANs per port	yes	yes	yes	yes	yes	yes	yes	
	VLANs per protocol	yes	yes	yes	yes	No	No	No	
	Private VLAN	yes	yes	yes	yes	yes	yes	No ****	
	Q-in-Q (stackable VLAN)	yes	no	No	yes	yes	yes	?	
	Dynamic VLAN (GVRP)	yes	No (VTP only)	No (VTP only)	No (VTP only)	No (VTP only)	No (VTP only)	No	
	L2-protocol-tunneling	yes	No	No	yes	yes	yes	STP BPDUs only	
Protection	Classic Spanning Tree	yes	yes	yes	yes	yes	yes	yes	
	Per VLAN Spanning Tree	yes	yes	yes	yes	yes	yes	yes	
	Rapid Spanning Tree	yes	yes	yes	yes	yes	yes	yes	
	Multiple Spanning Tree	yes	yes	yes	yes	yes	yes	No *****	
	EAPS	yes	No	No	No	No	No	yes	
QoS	Queues	8 queues per port	4 queues per port	4 queues per port	4 queues per port	4 queues per port	4 queues per port	4 queues per port	
	Rate shaping	Per port and Flow	yes	yes	yes	yes	yes	yes	
	Rate shaping granularity	64 kbps	1Mbit/s	1Mbit/s	a partir de 8 kbps	a partir de 8 kbps	a partir de 8 kbps	1Mb/s FE, 8 Mb/s GE	
	Prioritization Tools	SP, RR, WRR, WFQ, SP+WRR, SP+WFQ	WRR, SP, SP+WRR	SRR, SP, SP+SRR	SRR, SP, SP+SRR	SRR, SP, SP+SRR	SRR, SP, SP+SRR	SP	
	WRED	yes	No	WTD	WTD	WTD	WTD	No	

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	PRODUTTORE	ELETECH	Cisco	Cisco	Cisco	Cisco	Cisco	Extreme
	MODELLO	ETSwitch3x24F2	Catalyst 2950T-24	Catalyst 2960TC	Catalyst 3560-24TS	Catalyst 3750-24PS	Catalyst 3750-24TE-M	Summit 200-24
Link Aggregation	Link Aggregation	yes	yes	yes	yes	yes	yes	yes
	LACP	yes	yes	yes	yes	yes	yes	yes
	Stack-wide	yes	No	No	?	yes	yes	yes
L2 Functionalities	MAC table	16k	8k	8k	12k	12k	12k	8k
	Switch Fabric	12.8 Gbps	8.8 Gbps	8.8 Gbps	8.8 Gbit/s	até 32 Gbps	até 32 Gbps	8.8 Gbps
	Wirespeed	yes	yes	yes	yes	yes	yes	yes
	Throughput	9.5 Mpps	6.6 Mpps	6.6 Mpps	6.5 Mpps	6.5 Mpps	8.55 Mpps	6.55 Mpps
	Buffer	32Mb	8Mb	8Mb	?	?	?	?
	Duplex	half/full	half/full	half/full	half/full	half/full	half/full	half/full
	AUTO-MDIX	yes	(depends on IOS)	yes	yes	yes	yes	yes
	Storm Control	yes	yes	yes	yes	yes	yes	yes
	Jumbo frame	yes	No	yes	yes	yes	yes	No
	Head of Line Blocking Protection	yes	?	?	?	?	?	?
	IGMP	v1/v2/v3	v1/v2	v1/v2/v3	v1/v2	v1/v2	v1/v2/v3	v1/v2
	Ageing L2	Global and per VLAN	Global and per VLAN	Global and per VLAN	Global and per VLAN	Global and per VLAN	Global and per VLAN	Global
	Traffic monitor	Per port and Flow	Per port	Per port	Global and per VLAN	Global and per VLAN	Global and per VLAN	Per port (not across stack)
L3 Functionalities	Virtual Router interfaces	512	No	No	?	?	?	254 (?)
	Hosts	4k	No	No	1k	?	?	2k
	LPM routes	16k	No	No	11k	11k	11k	8k
	Static Routing	yes	No	No	yes	yes	yes	yes
	RIPv2	yes	No	No	yes	yes	yes	yes
	OSPFv2	yes	No	No	yes	yes	yes	yes
	BGPv4	yes	No	No	yes	yes	yes	No
	IS-IS	No	No	No	yes	No	yes	No
	VRRP	yes	No	No	No	No	No	yes
	DHCP relay	yes	No	yes	yes	yes	yes	yes
	DHCP server	yes	No	No	yes	yes	yes	yes
Multicast	PIM	yes	yes	yes	yes	yes	yes	yes
	DVMRP	No	yes	yes	yes	yes	yes	No
MPLS	Draft Martini	yes	No	No	No	No	yes	No
	LER (Label Edge Router)	yes	No	No	No	No	yes	No
	LSR (Label Switch Router)	No	No	No	No	No	no	No
	Mapping between 802.1p and EXP Field of MPLS	yes	No	No	No	No	No	No
	LDP	yes	No	No	No	No	yes	No
	RSVP-TE	yes	No	No	No	No	No	No
	Layer 3 BGP VPNs	yes	No	No	No	No	yes	No
Others	Redundant Power Supply	yes	No	No	No	No	yes	No
	Rack Mounting Kit	yes	yes	yes	yes	yes	yes	?
	Power Supply	Internal-AC/DC Full Range	Internal (110-240V)	Internal (110-240V)/RPS connector	Internal (110-240V)/RPS connector	Internal (110-240V)/RPS connector	Internal (110-240V)/RPS connector	Internal AC

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PRODUTTORE	ELETECH	XB Systems	3Com	Dlink	Dlink	HP	Cisco	Allied Telesyn
MODELLO	ETSwitch3x24F2	XB30300	3C17300 (4226)	DES-3226SM	DES-3526	Procurve 2626	Catalyst 2950T-24	AT-8024M
Fixed Fast ETH ports	24	24	24	24	24	24	24	24
Fixed Gigabit ports	4 x 1000BaseT COMBO	4 x 1000BaseT	2 x 1000BaseT	No	2 x 1000BaseT or SFP	2 x 1000BaseT or SFP	2 x 1000BaseT	2 x 1000BaseT
Additional ports	4 mini-GBIC	2 mini-GBIC	No	2 mini-GBIC	No	2 mini-GBIC	No	No
Manageable	yes	yes	yes	yes	yes	yes	yes	yes
Stackable	yes (8)	yes (8)	yes (4)	yes (8)	yes (32 virtual)	yes (16 virtual)	yes (8)	yes (8)
MAC table	16k	8k	8k	8k	8k	8k	8k	8k
Switch Fabric	12.8 Gbps	12.5 Gbps	8.8 Gbps	8.8 Gbps	8.8 Gbps	9.6 Gbps	8.8 Gbps	8.8 Gbps
Throughput	9.5 Mpps	9.5 Mpps	6.6 Mpps	6.6 Mpps	6.6 Mpps	6.6 Mpps	6.6 Mpps	6.6 Mpps
Buffer	32Mb	8Mb	8Mb	8Mb	8Mb	?	8Mb	6Mb
Duplex	half/full	half/full	half/full	half/full	half/full	half/full	half/full	half/full
AUTO-MDIX	yes (10/100/1000)	yes (10/100)	yes (10/100)	yes (10/100)	yes (10/100)	yes (10/100/1000)	(dipende dall' IOS)	no
Stacking Type	Cluster	Cluster	Cluster	Cluster	Cluster	Cluster	Cluster	Cluster
Resilient Stack	yes (loop)	yes (loop)	No	No	No	?	yes (loopback)	yes (loopback)
Hot insertion on stack	yes	yes	No	No	No	?	?	?
Link Aggregation	yes (32 of 8)	yes (4 of 8)	yes (Gigabit ports only)	yes (6 of 8)	yes (6 of 8)	yes (6of 8)	yes (Gigabit ports only)	yes (Gigabit ports only)
Stack-wide Trunk	yes	yes	yes	?	?	yes	No	No
Port Mirroring	yes	yes	yes	yes	yes	yes	yes	yes
yesultaneous VLANs	yes (4094)	yes (255)	yes (60)	yes (255)	yes (255)	yes (253)	yes(255)	yes(255)
VLANs per port	yes	yes	yes	yes	yes	yes	yes	yes
VLANs per protocol	yes	yes	No	No	No	yes	yes	yes
Private VLAN	(compatible mode)	No	No	No	No	No	yes	yes
Q-in-Q (stackable VLAN)	yes	No	No	No	No	No	No	No
L2-protocol-tunneling	yes	No	No	No	No	No	No	No
Spanning Tree	yes	yes	yes	yes	yes	yes	yes	yes
Per VLAN Spanning Tree	yes	yes	No	No	No	No	yes	No
Rapid Spanning Tree	yes	yes	yes	yes	yes	yes	yes	yes
Multiple Spanning Tree	yes	No	?	?	?	yes	yes	?
EAPS	yes	No	No	No	No	No	No	No
QoS	8 queues per port	4 queues per port	2 queues per port	4 queues per port	4 queues per port	4 queues per port	4 queues per port	4 queues per port
SNMP Management	v1/v2/v3	v1/v2	yes	v1/v2/v3	v1/v2/v3	v1/v2/v4	v1/v2/v3	v1/v2/v3
RMON Management	4 groups	4 groups	4 groups	4 groups	4 groups	4 groups	4 groups	4 groups
WEB Management	yes	yes	yes	yes	yes	yes	yes	yes
Console/CLI management	yes	yes	yes	yes	yes	yes	yes	yes
TELNET management	yes	yes	yes	yes	yes	yes	yes	yes
SSH management	yes	yes	yes	yes	yes	yes	yes	yes
TFTP management	yes	yes	yes	yes	yes	yes	yes	yes
Management SW-Proprietary	yes	No	yes	yes	yes	yes	yes	yes
Dual Image Firmware	yes	yes	No	No	yes	yes	yes	yes
BOOTP / DHCP	yes	yes	yes	yes	yes	yes	yes	yes
E-mail Notification (SMTP)	yes	No	yes	No	No	No	?	?
Redundant Power Supply	yes	yes	yes	No	yes	yes	No	No
802.1x / Port Security	yes	yes	yes	No	yes	yes	yes	yes
RADIUS	yes	yes	No	yes	yes	yes	yes	yes
Rack Mounting Kit	yes	yes	yes	yes	yes	yes	yes	yes
Power Supply	Internal AC/DC Full Range	Internal (110-240V)	Internal (90-240V)	Internal (110-240V)	Internal (110-240V)	Internal (100-240V)	Internal (110-240V)	Internal (110-240V)