

LOT – I

INTEL CORE I3-9100 10/11TH GEN 3.60 GHZ

With Genuine professional 64-bit English window license (12 pieces)

Brand Any

Processor Speed Intel® 10th/11th generation Core™ i3-9100 3.60 GHz

Battery Minimum 3 Cell, 45 Wh

Cache Memory 3MB L3 Cache

Chipset Intel® H370 Chipset

Memory 8GB 2666MHz Minimum

Hard Drive 1TB SSD

Display Min 15.6-inch FHD/LED

Graphics Intel® UHD Graphics 630

Optical Drive DVD+/-RW Drive

Networking Integrated Realtek® RTL8111HSD
Integrated Ethernet socket LAN 10/100/1000


Audio Internal Business audio speaker

Port 8 External USB: 4 x 3.0 (2 front/2 rear)
and 4 x 2.0 (2 front/2 rear);
1 RJ-45 and 1 HDMI
1 Display Port 1.2;
1 UAJ, 1 Line-out, 1 VGA

Security Trusted Platform Module (TPM) 1.2

Number of Bays 1 internal 3.5" HDD
2 internal 2.5" HDD
1 external Slim ODD

Expansion Slots 1 full height PCIe x16
3 full height PCIe x1
1 M.2 (22x80mm)

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for 

Lot II

Media Converter, Gigabit Ethernet, SC, Multimode Module (16 pieces)

Reference Model : TPLINK MC200CM / Media Converter, Gigabit Ethernet, SC, Multimode
MEDIA CONVERTER & MODULE

Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z
Basic Function	Auto-negotiation of Half-Duplex / Full-Duplex transfer mode Extends fiber distance up to 0.55km using 50/125um fiber Extends fiber distance up to 0.22km using 62.5/125um fiber
Ports	1 1000M SC/UPC port 1 10/100/1000M RJ45 port (Auto MDI/MDIX)
Wave Length	850nm
Network Media 1000BASE-SX	Multi-mode Fiber
Network Media 1000BASE-T	UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
LED Indicators	PWR, Link/Act
Dimensions (W*D*H)	3.7*2.9*1.1 in. (94.5*73.0*27.0 mm)
Power Supply	External Power Adapter
Max Power Consumption	1.66W
Safety & Emission	FCC, CE, RoHS
Package Contents	<ul style="list-style-type: none">• Media Converter MC200CM• Power Adapter• Installation Guide
Environment	Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

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LOT II

Switch port 16-Port, Gigabit Ethernet Specifications (8 pieces)

HARDWARE FEATURES

Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1q, IEEE 802.1p
Interface	16 10/100/1000Mbps RJ45 Ports AUTO Negotiation/AUTO MDI/MDIX
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100BASE-TX: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 1000BASE-T: UTP category 5, 5e, 6 or above cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
Fan Quantity	Fan-less
Physical Security Lock	No
Power Supply	100-240VAC, 50/60Hz
Dimension (W x D x H)	11.6*7.1*1.7 in. (294*180*44 mm)
Mounting	Rack Mountable
Max Power Consumption	10.54W (220V/50Hz)
Max Heat Dissipation	35.94 BTU/h

PERFORMANCE

Switching Capacity	32Gbps
Packet Forwarding Rate	23.8Mpps
MAC Address Table	8K
Packet Buffer Memory	4.1Mbit
Jumbo Frame	10KB

SOFTWARE FEATURES

Quality of Service	Support Port-based/802.1p/DSCP priority Support 4 priority queues Rate Limit Storm Control
L2 Features	IGMP Snooping V1/V2/V3 Static Link Aggregation Port Mirroring Cable Diagnostics Loop Prevention
VLAN	Supports up to 32 VLANs simultaneously (out of 4K VLAN IDs) MTU/Port/Tag VLAN
Transmission Method	Store-And-Forward

OTHERS

Certification	FCC, CE, RoHS
Package Contents	TL-SG1016DE Power Cord Installation Guide Resource CD Rackmount Kit Rubber Feet
System Requirements	Microsoft® Windows® for running Utility
Environment	Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing
Reference Model	SWITCH PORT (TPLINK SG1016DE / Switch, 16-Port, Gigabit Ethernet)

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