

Gigabit Ethernet Splitter 1 to 7, 8 RJ45 Ports, USB-C Powered, Aluminum Housing

Structured Cabling / Network Splitters

1 to 7 · 8 RJ45 · 10/100/1000 Mbps · USB-C · Aluminum · Plug & Play



DIVISOR DE RED GIGABIT
1 A 7 · 8 PUERTOS RJ45
10/100/1000 Mbps · Alimentación USB-C
Aluminio · Plug & Play
KG-NS-G1T7-USBC

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Brand
KONGIA

Type
Active splitter / unmanaged Gigabit Ethernet switch

Network distribution
1 network link for up to 7 simultaneous devices

Key features

- 1 to 7, Simultaneous Use: 8 RJ45 ports for one network link and up to 7 devices connected at once.
- Auto-Adaptive Gigabit: 10/100/1000 Mbps links for media, gaming and files.
- USB-C and Plug & Play: 5 V DC input via USB-C; cable included, adapter not included. No configuration.
- Aluminum Heat Dissipation: Compact housing with fins to dissipate heat.
- RJ45 Compatibility: Cat5/5e/6/7/8 cables and equipment with Ethernet interfaces.
- 16 Gbps Switching: 2K MAC table, 9216-byte jumbo frames and latency $\leq 50 \mu s$.

Technical specifications

Parameter	Specification
Brand	KONGIA
SKU	KG-NS-G1T7-USBC
Type	Active splitter / unmanaged Gigabit Ethernet switch
Network distribution	1 network link for up to 7 simultaneous devices
Total RJ45 ports	8
Link speed	10/100/1000 Mbps auto-adaptive

Technical specifications

Parameter	Specification
Link protocols	IEEE 802.3 (10BASE-T), IEEE 802.3u (100BASE-TX), IEEE 802.3ab (1000BASE-T), IEEE 802.3az and IEEE 802.3x
Physical interface layout	8 RJ45 ports labeled TP1-TP8 and USB-C VIN on the same side
Power Supply	External, 5 V DC via USB Type-C; adapter not included
Material	Aluminum alloy housing
Color	Black / dark gray
Heat dissipation	Housing with heat-dissipation fins and channels
Installation	Plug & Play; no software, drivers or configuration
Compatible cabling	Cat5 / Cat5e / Cat6 / Cat7 / Cat8 with RJ45 connector
Compatible equipment	Routers, computers, Smart TVs, consoles, printers and cameras with Ethernet interfaces, NAS
Applications	Office, home, online gaming, media streaming and file transfer
Sales unit	1 device
Contents	1 Gigabit splitter and 1 USB-A to USB-C power cable
Manufacturer-stated warranty	2 years
Simultaneous use	Up to 7 devices; incoming link bandwidth is shared according to traffic
Performance	Up to 1000 Mbps per link; depends on the router, cabling and connected equipment
Indicators	PWR power LED and port 1-8 indicators
Dimensions	135 × 53 × 29 mm
Equipment net weight	0.15 kg
Ethernet range	Up to 100 m according to the technical table
Negotiation and duplex	10/100/1000 Mbps auto-negotiation; full/half duplex
Auto MDI/MDI-X	Available on all ports
Forwarding	Store-and-forward
Switching rate	Wire speed on all ports; frames from 64 to 1518 bytes
Jumbo frames	Up to 9216 bytes
MAC table	2K addresses

Technical specifications

Parameter	Specification
Frame memory	1M according to the datasheet; whether this refers to bits or bytes is not specified
Switching capacity	16 Gbps
Network latency	≤ 50 μs
Flow control	IEEE 802.3x
Supply voltage	5 V DC
Maximum consumption according to the technical table	≤ 5 W
Full-load consumption stated in features	4.5 W
Power adapter	Not included; a power cable is included
Operating temperature	−10 °C to +65 °C
Storage temperature	−40 °C to +70 °C
Operating humidity	5–95 %, non-condensing

Applications

Wired connection of computers and peripherals in offices.

Smart TVs, consoles and home entertainment.

LAN port expansion in networks with an existing router.

Connection of cameras and printers with Ethernet interfaces.

Networks with NAS and multiple devices for file transfer.

Packaging & contents

1 Gigabit network splitter and 1 USB-A to USB-C power cable. 5 V power adapter not included. Ethernet cables and equipment in the application images are not included.

Warranty

The reference product's manufacturer states a 2-year warranty.