

# CIS-COM10G-16



## Designed by Integrators for Integrators.

Whether for large residential properties or commercial environments, the CIS-COM10G-16 router is purpose-built to meet your high-performance networking needs!

Designed with system integrators in mind, the CIS-COM10G-16 router offers a feature set tailored to streamline network configuration, reducing setup time and enhancing efficiency during installations.

## The CIS Wi-Fi Manager

Manage all your connected access points from a single intuitive interface. Easily view the connected devices, change Passwords and SSIDs globally from your CIS router.

The CIS-COM10G-16 offers unlimited capacity to manage and control Access Points, ensuring scalability and flexibility for network expansion.

## Business Class VPN

The CIS-COM10G-16 offers versatile VPN support, including WireGuard, allowing clients to easily set up VPN access on their phones by simply downloading the WireGuard app and scanning a QR code. For Windows and macOS devices, the L2TP VPN provides a reliable and user-friendly solution.

## Limitless Configurations

CIS router, CIS-COM10G-16, driven by a continuously evolving operating system, provides unmatched flexibility to support diverse installation needs. Whether adding a hotspot for a commercial space, implementing failover for redundant ISPs, or configuring QoS for VoIP and other critical applications, CIS routers deliver robust solutions. Take advantage of advanced capabilities, including dynamic routing protocols, MPLS, load balancing, and more, to optimize network performance and reliability.

## Superior Software and Support

Backed by extensive testing and research, the CIS-COM10G-16 delivers an impressive array of features, making it a highly compelling choice. Our dedicated in-house support team is available to assist with setup and configuration, ensuring a seamless deployment experience.

## Specifications

Product Code	CIS-COM10G-16
Architecture	ARM 64bit
CPU	AL32400
CPU Core Count	4
CPU Nominal Frequency	1700 MHz
Dimensions	443 x 210 x 44 mm
Size of RAM	4 GB
Storage Size	128 MB
Storage type	NAND
Tested ambient temperature	-20°C to 60°C
UPC Code	711347442766

## Powering

Max Power consumption	48W with attached devices, 35W without
AC input range	100-240 V
Number of AC inputs	2
Cooling Type	2 fans

## Ethernet & Fiber Port

10/100/1000 Ethernet ports	16
SFP+ Port	2

## Peripherals

Serial console port	RJ45
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## Others

CPU temperature monitor	Yes
PCB temperature monitor	Yes
Voltage Monitor	Yes

## Ethernet Test Results

Mode	Configuration	1518 Byte		512 Byte		64 Byte	
		Kbps	Mbps	Kbps	Mbps	Kbps	Mbps
Bridging	none (fast path)	2591.6	31472	5648.4	23136	9697.9	5275.7
Bridging	25 bridge filter rules	2249.5	27318.5	2451.7	10042.1	2424.2	1318.8
Routing	none (fast path)	2532.4	30753.8	5239.6	21461.2	8664.2	4713.3
Routing	25 simple queues	1174.6	14264.6	1217.6	4987.2	1316.8	716.3
<b>Routing</b>	25 IP filter rules	866	10517.1	860.7	3525.5	842.1	458.1

1. All tests are done with Xena Networks specialized test equipment (XenaBay), and done according to RFC2544 (Xena2544)
2. Max throughput is determined with 30+ second attempts with 0,1% packet loss tolerance in 64, 512, 1518 byte packet sizes
3. Test results show device maximum performance, and are reached using mentioned hardware and software configuration, different configurations most likely will result in lower results