

Code: C52IG-5HAXD2HAXD-TC

ACCESS POINT **C52IG-5HAXD2HAXD-TC** hAP ax², Wi-Fi 6, 2.4 GHz, 5 GHz, 574 Mbps + 1200 Mbps MIKROTIK

The C52IG-5HAXD2HAXD-TC access point broadcasts 2 separate wireless networks in the 5 GHz band with speed 1200 Mb/s and in the 2.4 GHz band with speed 574 Mb/s. Simple tasks such as sending e-mails or web browsing can be handled by the 2.4 GHz band while bandwidth intensive tasks like online gaming or HD video streaming can be processed by the 5 GHz band - all at the same time.

The device can be powered using the included power adapter or via Passive PoE (18 ... 28 V DC) via the PoE IN port.

Main applications include Internet accesses in small and medium size businesses, SOHO, and homes. The set includes a practical stand that allows the device to be placed vertically, horizontally or wall mounted.

Supports 802.11ax standard - the next generation of Wi-Fi.



Frequency range:	2.4 GHz, 5 GHz ,
Antenna type:	2x2 MIMO - built-in • 4.5 dBi @ 2.4 GHz • 4 dBi @ 5 GHz
Standards:	IEEE 802.11 b/g/n/ax @ 2.4 GHz , IEEE 802.11 a/n/ac/ax @ 5 GHz , Wave2 support
Baud rates:	574 Mbps + 1200 Mbps
LAN ports:	4 x 10 / 100 / 1000 Mbps LAN 1 x 10 / 100 / 1000 Mbps Uplink
LED indicators:	Power, User, 4 x Ethernet, WAN, PoE OUT



DATA SHEET

Receiver sensitivity:	2.4 GHz : • 1M : -100 dBm • 11M : -94 dBm • 6M : -96 dBm • 54M : -80 dBm • MCS0 : -96 dBm • MCS7 : -75 dBm • MCS9 : -70 dBm • MCS11 : -67 dBm 5 GHz : • 6M : -96 dBm • 54M : -80 dBm • MCS0 : -96 dBm • MCS7 : -75 dBm • MCS9 : -70 dBm • MCS11 : -67 dBm
DHCP server:	✓
Firmware update:	✓
Protections:	WPA3, Firewall
Operating system:	MikroTik RouterOS
Management interface:	Web browser
Default IP address:	192.168.88.1
Transmitter power:	max. 24 dBm @ 2.4 GHz max. 23 dBm @ 5 GHz
Power supply:	• 12 ... 28 V DC - 24 V DC / 1.2 A (power adapter included) • 18 ... 28 V DC - Passive PoE
Power consumption:	max. 27 W
Main features:	• Built-in 5-port switch • Wi-Fi 6 support - a standard that offers higher speeds, better performance in high-traffic environments • 2x2 MIMO / Dual-chain @ 2.4 GHz, 5 GHz • MU-MIMO - a multi-antenna transmission function that allows to increase the bandwidth and reliability of connection with the client of the network • Beamforming (TxBF) - technology that allows to create a beam of radio waves in order to improve the quality of connection with client devices located further away from the signal source • IPsec • Passive PoE - 1 x Input / Output (port Internet/PoE IN/OUT) • Possible power supply via Passive PoE via eth1/Poe OUT port - 0.6 A, 16.8 W (max) • Mode button • RESET button
Operation temp:	-40 °C ... 50 °C
Weight:	0.27 kg
Dimensions:	120 x 100 x 33 mm
Manufacturer / Brand:	MikroTik
Guarantee:	2 years