MIKROTIK

SXTsq 5 ax

Your favorite outdoor CPE — now with Wi-Fi 6 and Access Point mode!



Meet the SXTsq 5 ax — our first Wi-Fi 6 outdoor CPE, combining the best wireless technology with our trusted, compact SXTsq form factor.

Despite the upgrade to Wi-Fi 6 and a modern **ARM-based dual-core CPU**, this unit keeps the same price point as our previous Wi-Fi 5 model — making it one of the best-value weatherproof CPEs on the market.

The enclosure can withstand all sorts of unpredictable weather hazards, and it features slots for directly attaching a hose clamp in three different mounting positions, including support for horizontal railings — ideal for masts and poles in rooftop or tower deployments.

Field-tested up to 3 km in high-interference, urban scenarios. Designed with the same trusted long-range architecture as previous SXT models — capable of 10+ km links in line-of-sight deployments.

With RouterOS license level 4, the SXTsq 5 ax isn't just a client — it can also be configured as a powerful access point, giving you more flexibility in planning your wireless infrastructure. And thanks to its compact square shape, it fits neatly into even the most space-sensitive deployments.

- MODERN DUAL-CORE ARM CPU
- GIGABIT ETHERNET
- 5 GHZ WI-FI 6
- PASSIVE POE-IN
- 16 DBI ANTENNA GAIN





Pair a mANTBox ax 15s as your uplink with several SXTsq 5 ax units — and you've got everything you need to become the village ISP! No need to wait for large ISPs to reach you.

Specifications

Product code	SXTsq-5axD
CPU	Dual-Core IPQ-5010 800 MHz
CPU architecture	ARM 64bit
Size of RAM	256 MB
RAM type	DDR3L
Storage	128 MB, NAND
Number of 1G Ethernet ports	1
Wireless interface model	QCN-6102
Wireless	5 GHz 802.11a/n/ac/ax
Operating frequency	**SXTsq 5 ax-US (USA)** is factory locked for 5170-5835MHz frequencies. This lock can not be removed. **SXTsq 5 ax (International)** supports 5170-5875MHz range (Frequency range may be limited by country regulations).
Antenna gain	16 dBi
Dimensions	129 x 129 x 34 mm
Operating system	RouterOS v7, License level 4
Operating temparature	-40°C to +70°C

Powering

DC input	PoE-In
Input Voltage	12-28 V
Power adapter nominal voltage	24 V
Power adapter nominal current	0.38 A
PoE-In	Passive PoE
Max power consumption	6 W

Wireless specifications

Rate (5 GHz)	Tx (dBm)	Receive Sensitivity
6MBit/s	24	-96
54MBit/s	21	-80
MCS0	24	-96
MCS7	20	-75
MCS9	18	-70
MCS11	16	-67

Included parts



24 V 0.38 A
power adapter



Gigabit PoE injector



Hose clamp

Antenna patterns







