Item no.: 387351

L23UGSR-5HAXD2HAXD-NM - NetMetal ax - powerful outdoor access point with long range

from **149,39 EUR**

Item no.: 387351
shipping weight: 0.40 kg
Manufacturer: MikroTik

📄 Product Description

NetMetal axThe Mars rover of network technology. Our most robust long-range outdoor access point - now with Wi-Fi 6!Meet one of your most versatile companions: the NetMetal ax - a powerful long-range outdoor access point that thrives in any environment. Designed for durability, it can be easily installed almost anywhere - you can open and close the housing with one hand. The IP66 rating protects the device from dust and powerful water jets - in damp attics and lift shafts, busy docks or coastal towers. No terrain is too rough for the NetMetal ax - the Mars rover of network technology!It has a modern dual-core ARM CPU, Gigabit Ethernet and 2.5 Gigabit SFP for fibre optic connections, a USB port and a free miniPCIe slot that allows further customisation. For example, you could add an LTE modem for mobile internet backup - we've added a NanoSIM slot to the NetMetal! But there are other options too, like adding a gateway for LoRa IoT setups, such as our R11e-LR8!A powerful dual-band, dual-chain Wi-Fi 6 radio offers increased speed, stability, security, roaming, power management and other features compared to previous wireless protocols. Two RP-SMA connectors allow you to connect an antenna of your choice for distances of up to 30 kilometres*. If required, you can customise the NetMetal ax with antennas such as our screw-on omni-directional antenna HGO-antenna-OUT for shorter ranges. It offers 3.3 dBi gain for the 2.4 GHz band and 5.5-7.1 dBi gain for the 5 GHz band.If you've read this far, there's a little bonus feature: we've kept the good old beeper for various alarms or creative outputs.*It's important to note that while longer connections are feasible, their reliability can vary. In addition, the achievable distance is highly dependent on the chosen antenna.Technical data-Product code L23UGSR-5HaxD2HaxD-NM-Architecture ARM 64bit-CPU IPQ-5010-CPU core count 2-CPU nominal frequency 800 MHz-RouterOS licence 4-Operating system RouterOS v7RAM size 256 MB-Memory size 128 MB-Memory type NAND-MTBF Approx. 200'000 hours at 25C-Tested ambient temperature -40°C to 70°CPower supply-Number of DC inputs 2 (DC socket, PoE-IN)-DC socket input voltage 12-28 V-Max. Power consumption 25 W-Max. Power consumption without attachments 12 W-Cooling type Passive-PoE in Passive PoE-PoE in Input voltage 18-28 VWireless specifications-Wireless 2.4 GHz Maximum data rate 574 Mbit/s-Wireless 2.4 GHz Number of chains 2-Wireless 2.4 GHz Standards 802.11b/g/n/ax-Wireless 2.4 GHz Chip model IPQ-5010-Wireless 2.4 GHz Generation Wi-Fi 6-Wireless 5 GHz Max data rate 2400 Mbit/s-Wireless 5 GHz Number of chains 2-Wireless 5 GHz Standards 802.11a/n/ac/ax-Wireless 5 GHz Chip Model QCN-6102-Wireless 5 GHz Generation Wi-Fi 6- 10/100/1000 Ethernet Ports 1Fibre- SFP Ports 1 (2.5G supported)Peripherals-Number of SIM slots 1 Modem (Nano-SIM)-MiniPCI-e slots 1-Number of USB ports 1-USB Power Reset Yes-USB slot type USB type A-Max USB current (A) 1.5Other-PCB temperature monitoring Yes-Voltage monitoring Yes-Beeper YesCertification & approvals-Certification CE, FCC, IC, EAC, ROHS-IP 66

📄 Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability