RouterBOARD SXT

SXT 5HnD is a low cost, high speed 5GHz wireless device. Dual chain 802.11n and Nv2 TDMA technology help to achieve even 200Mbit real throughput speed.

Complete with a ready to mount enclosure and built-in antenna, this is the perfect CPE.

Powered by RouterOS it is also the most advanced router, bandwidth controller and firewall.

- Solid all-in-one design: quick and easy to mount
- Tower friendly one hand enclosure access
- 5GHz 802.11a/n wireless onboard
- One 10/100 Ethernet port
- 16dBi dual chain antenna built-in
- Signal strength LED indicators on back
- USB 2.0 port, voltage and temperature monitors
- Extended L2MTU support to avoid fragmentation overhead in MPLS, QinQ etc.





Improved wireless speed with Nv2:

without Nv2

with Nv2 **x2 TCP speed**

times faster compared to similar RouterOS CPE device before Nv2 was introduced, in ideal conditions

Features	5HnD (5Ghz, High power wireless, 802.11n, Dual-chain)
CPU	Atheros AR7241 400MHz CPU
Memory	32MB DDR SDRAM onboard memory
Data storage	64MB onboard NAND storage chip
Ethernet	One 10/100 ethernet port, L2MTU frame size up to 4076
Wireless cards	Onboard dual chain 5GHz 802.11a/n Atheros AR9280 wireless module; 10kV ESD protection on each RF port
Extras	Reset switch, beeper, USB 2.0 port, voltage and temperature monitors
Serial port	No serial port
LEDs	Power LED, Ethernet LED, 5 wireless signal LED
Power options	Power over Ethernet: 8-30V DC Packaged with 24V DC 0.8A power adapter and passive PoE injector
Dimensions	140x140x56mm. Weight without packaging, adapters and cables: 265g
Power consumption	Up to 7W
Operating Temperature	-30C .. +80C
Operating System	MikroTik RouterOS v5, Level3 license
Package contains	SXT wireless device with integrated antenna, pole mounting bracket, mounting ring, PoE injector, power adapter, quick setup guide
Certifications	FCC, CE, ROHS



Wireless signal indicators



Easy to access enclosure, door latches open

Antenna	
Type	Dual polarization 5GHz antenna
Frequency range	5.17 - 5.825 GHz
Gain	16 ± 2 dBi
VSWR, max	1.7:1
3 dB Beam-Width, H-Plane, typ.	25 °
3 dB Beam-Width, E-Plane, typ.	25 °
Polarization	Dual Linear (V-pol, H-pol)
Port to Port Isolation	- 35 dB

Protocol	Data rate	TX Power
802.11a	6 Mbit/s	26dBm
	54 Mbit/s	22dBm
802.11n 1 stream	MCS0 20MHZ	25dBm
	MCS0 40MHZ	25dBm
	MCS7 20MHZ	19dBm
	MCS7 40MHZ	18dBm
802.11n 2 streams	MCS8 20MHZ	25dBm
	MCS8 40MHZ	25dBm
	MCS15 20MHZ	19dBm
	MCS15 40MHZ	18dBm

Protocol	Data rate	RX Sensitivity
802.11a	6 Mbit/s	-96dBm
	54 Mbit/s	-80dBm
802.11n 1 stream	MCS0 20MHZ	-96dBm
	MCS0 40MHZ	-92dBm
	MCS7 20MHZ	-77dBm
	MCS7 40MHZ	-74dBm
802.11n 2 streams	MCS8 20MHZ	-96dBm
	MCS8 40MHZ	-92dBm
	MCS15 20MHZ	-77dBm
	MCS15 40MHZ	-74dBm