

Code: CUDY-P5

ACCESS POINT 5G +ROUTER **CUDY-P5** Wi-Fi 6, 2.4 GHz, 5 GHz ; 574 Mbps + 2402 Mbps

With 2402 Mbps wireless speeds over the crystal clear 5 GHz band and 574 Mbps over the 2.4 GHz band, CUDY-P5 offers you the flexibility of 2 dedicated networks and ensures amazing wireless performance.

Main applications include Internet accesses in small and medium size businesses, SOHO, and homes. 6 external antennas provide stable omnidirectional signal and superior wireless coverage.

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

The 5G module supports operation in both NSA and SA modes, ensuring seamless cooperation with main 5G network operators worldwide. Thanks to the advanced Whole Home Mesh technology, devices are automatically switched when moving around the house.



Frequency range:	• Wi-Fi : 2.4 GHz, 5 GHz ; • 5G NR NSA/SA Sub-6 GHz : 600 MHz ... 4500 MHz ; • 4G LTE : 700 MHz ... 5200 MHz
Antenna type:	• 2 x Omnidirectional antenna Wi-Fi - Integrated, • 4 x Omnidirectional antenna 5G/4G - SMA connector for connecting an external antenna
Standards:	IEEE 802.11ax/n/b/g @ 2.4 GHz , IEEE 802.11ax/ac/an/a @ 5 GHz
Baud rates:	• Wi-Fi 6 : 574 Mbps + 2402 Mbps, • 5G SA Sub-6 : max. 4.2 Gb/s (DL) / 900 Mbps (UL), • 5G NSA Sub-6 : max. 5 Gb/s (DL) / 650 Mbps (UL), • 4G LTE Cat. 20(DL)/18(UL) : max. 2 Gb/s (DL) / 200 Mbps (UL), • 3G WCDMA : max. 42 Mbps (DL) / 5.76 Mbps (UL)
LAN ports:	1 x 10/100/1000 Mbps - WAN / LAN 3 x 10/100/1000 Mbps - LAN
LED indicators:	Power, INTERNET, WiFi, 5G/4G
SIM socket:	2 x nano SIM
DDNS:	✓
DHCP server:	✓



DATA SHEET

Protections:	NAT network firewall, IP addresses filtering, MAC addresses filtering, domain filtering
Management interface:	Web browser
Main features:	• Support for CUDY Whole Home Mesh technology • Wi-Fi 6 support - a standard that offers higher speeds, better performance in high-traffic environments • WPS/RESET button • The WPS function allows to easy establish an encrypted connection • Built-in 4-port switch • Two SIM cards support • Internet access filtering • Static / dynamic routing • DHCP : DHCP server, DHCP client list, address reservation • NAT : Port forwarding, Port Triggering, UPnP, DMZ • Firewall • QoS • VPN networks: PPTP, L2TP, OpenVPN, WireGuard, IPSec, Zerotier • Access control • Remote management • Wireless Network Schedule • VLAN • IPTV compliance • IPv6 compliance • SMS personal messaging • 4G/5G bands lock
Power supply:	12 V DC / 2.5 A (power adapter included)
Operation temp:	0 °C ... 45 °C
Permissible relative humidity:	5 % ... 95 % (non-condensing)
Weight:	0.64 kg
Dimensions:	253 x 161 x 48 mm
Manufacturer / Brand:	CUDY
Guarantee:	2 years