

NB800-WWtSu

IIoT-Router mit WLAN + BT/BLE + ETH + USB

Kompakter, modularer Wireless-Router zur Vernetzung von schwer zugänglichen Orten.



Hauptmerkmale

WiFi / WLAN	1x Dual-band IEEE 802.11a/b/g/n, 1x Bluetooth Low Energy
Ethernet	1x Fast Ethernet
USB	USB 2.0 Host
Betriebstemperatur	-40 °C bis +70 °C
Software	Routing, Network Services, VPN, Firewall, Link Management, Supervisor, SDK, freie Updates
Konformität	CE (RED)
Modularität	Erweiterungen auf Anfrage

Produktbeschreibung

Der kompakte NB800 ist die kosteneffiziente Lösung für eine robuste Internetverbindung im industriellen Umfeld.

Anwendungen

- Industrielle Sicherheit
- Fabrikautomation
- Smart Buildings
- Remote Management
- Intelligenter Verkehr

Spezifikation

WiFi / WLAN	Standard	1x Dual-band WLAN 2.4/5 GHz a/b/g/n + BT 4.2 combo Wireless standard IEEE 802.11a/b/g/n Bluetooth 4.2, Bluetooth Low Energy Frequency 2.4/5 GHz Antenna ports 2x2 MIMO Datarate (max) 144 Mbps 2.4 GHz 2x2 MIMO, 150 Mbps 5 GHz SISO Modes Client or access point (up to 10 clients) FCC ID Z64-WL18DBMOD
	Connector	2x SMA female
Ethernet	Standard	1x Fast Ethernet Ethernet standard 100BASE-TX, Auto MDIX Speed 10/100 Mbps
	Connector	1x RJ45
USB	Standard	1x USB 2.0 Host
	Connector	1x Type A
System	Core	600 MHz single core, 512 MB RAM, 4 GB flash
	Module Slots	1x Shield

Software	Features	<p>NetModule Router Software</p> <p>Package The standard software package includes an intuitive user interface, covering all modern routing protocols and enables efficient mass deployment.</p> <p>General Fail-safe update (FOTA), upgrade via USB, HTTP(S), (S)FTP or TFTP, remote CLI & WebGUI, RADIUS authentication, Simple Certificate Enrollment Protocol (SCEP), logging</p> <p>Remote Management Manage and monitor devices with SNMP, telnet, SSH, or HTTP/HTTPS</p> <p>Cellular Networking Multi-SIM / soft-SIM support, multi-APN support, signal strength monitoring, dedicated bearers, GSM/CSFB calls</p> <p>Wireless LAN Client or Access Point mode, multi client support, multi / hidden SSID, WPA-PSK/WPA2-PSK, WPA-RADIUS, WPA-EAP-TLS, IEEE 802.11w, RADIUS accounting, CAPWAP</p> <p>Link Management Link prioritisation, link aggregation, load balancing, multipath-TCP, IP-passthrough, link supervision</p> <p>Network Services DHCP Client, DNS server, email, SMS service, NTP Client, NTP server, DynDNS, SSH server, SNMP agent, HTTP/HTTPS/FTP server, voice gateway, SIP call routing, coovachilli hotspot</p> <p>Routing Destination, policy, multipath, mobile-IP, OSPF, BGP, TCP-MSS clamping, STP/RSTP, bridging, LLDP, CDP, SONMP, EDP, FDP, IRDP, VRRP, VLAN, PPPoE</p> <p>VPN OpenVPN, IPsec, PPTP, GRE, CSD dial-in</p> <p>Firewall Stateful firewall, connection tracking, NAT, masquerading, bridge filtering</p>
Power	<p>Input Voltage</p> <p>Connector</p> <p>Consumption</p>	<p>12, 24 VDC</p> <p>Nominal voltages 12, 24 VDC</p> <p>Absolute voltages 12 VDC to 24 VDC (-20 % / +20 %)</p> <p>1x Terminal block header 3.5 mm</p> <p>5 W (average), 10 W (max)</p>
Mounting		Bracket
Dimensions	W x H x D	Width 85/111 mm x height 32 mm x depth 110 mm
Weight		250 g
Environment	<p>Operating Temperature</p> <p>Ingress Protection Level</p>	<p>-40°C to +70°C</p> <p>IP40</p>
MTBF		340'000 h according SN29500 at environmental temperature 40 °C
Certifications	Compliance Domain	CE according to 2014/53/EU (RED), 2011/65/EU (RoHS) Industrial
Order Code		NB800-WWtSu