

NB1800-2Wac

Industrie-Router mit 2x WLAN-ac + 2x GbE + SFP

Leistungstarker, modularer Wireless-Router mit Gigabit Ethernet- und Glasfaser-Schnittstellen zur Vernetzung von schwer zugänglichen Orten.



Hauptmerkmale

WiFi / WLAN	2x Dual-band IEEE 802.11 a/b/g/n/ac (Wi-Fi 5), 100 Clients im Access Point Mode
Ethernet	2x Gigabit Ethernet, 1x SFP
Erweiterter Speicher	1x SD Card
Serielle / Feldbus	1x RS-232/485
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 leistungsstarke Router NB1800 ermöglicht schnellen Wireless Netzwerkzugang im industriellen Umfeld.

Anwendungen

- Öffentliches WLAN
- Mining
- Industrielle Sicherheit

Spezifikation

WiFi / WLAN	Standard	2x WLAN 2.4/5 GHz a/b/g/n/ac (Wi-Fi 5) Wireless standard IEEE 802.11a/b/g/n/ac (Wi-Fi 5) Frequency 2.4/5 GHz Diversity 2x2 MIMO Data rate (max) 300 Mbps (2.4 GHz) / 866 Mbps (5 GHz) Modes Client or access point (up to 100 clients) FCC ID TK4WLE600VX
	Connector	4x SMA female
Ethernet	Standard	2x Gigabit Ethernet Ethernet standard 1000BASE-T, Auto MDIX Speed 10/100/1000 Mbps 1x SFP SFP standard Depending on module, ask for supported modules Speed 10/100/1000 Mbps
	Connector	2x RJ45, 1x SFP cage (mini GBIC)
USB	Standard	1x USB 2.0 Host
	Connector	1x Type A
Serial, Fieldbus	Protocol	1x RS-232/485 combo (software switchable) Protocol EIA-232 Signals TX, RX Signal level High > 5 VDC, low < -5 VDC Bit rate Up to 1 Mbps Protocol EIA-485 Signals A, B Signal level Differential output voltage, loaded 1.5 VDC - 3.6 VDC Bit rate Up to 1 Mbps Termination 120 Ω for RS-485 configurable by software
	Connector	1x Terminal block header 3.5 mm (screw locking)

Extended Storage		<p>SD Card</p> <p>Slot type microSD</p> <p>Speed (read / write) 600 kByte / s</p> <p>Application Store user and logging data of SDK or LXC applications</p> <p>SD card not included</p>
System	<p>Core</p> <p>Module Slots</p>	<p>1.3 GHz dual core, 1 GB RAM, 4 GB flash</p> <p>2x miniPCIe (PCIe + USB), 2x Extension (USB)</p>
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, 48 VDC</p> <p>Nominal voltages 12, 24, 48 VDC</p> <p>Absolute voltages 12 VDC to 48 VDC (-25 % / +10 %)</p> <p>1x Terminal block header 3.5 mm (screw locking)</p> <p>11 W (average), 20 W (max)</p>
Mounting		DIN-Rail
Dimensions	W x H x D	Width 61 mm x height 128/140 mm x depth 121 mm
Weight		900 g
Environment	<p>Operating Temperature</p> <p>Ingress Protection Level</p>	<p>-40°C to +70°C</p> <p>IP40</p>
MTBF		240'000 h / 27.4 years, according SN29500 at environmental temperature 40 °C
Certifications	<p>Compliance</p> <p>Domain</p>	<p>CE according to 2014/53/EU (RED), 2011/65/EU (RoHS)</p> <p>Industrial</p>
Order Code		NB1800-2Wac