

NB3701-2WacPb

Railway Router with 2xWLAN-ac + 5x ETH +110V+ EN50155

Proven multi-service onboard router for light rail and railways.



Keyfeatures

| | |
|--------------------------|--|
| WiFi / WLAN | 2x Dual Band IEEE 802.11a/b/g/n/ac (Wi-Fi 5), 100 Clients in Access Point Mode |
| Ethernet | 5x Fast Ethernet |
| IO | 4x Digital I/O |
| Power | 72 VDC to 110 VDC |
| Temperature Range | -40 °C to +70 °C, EN 50155 class OT4/ST0 |
| Software | Routing, Network Services, VPN, Firewall, Link Management, Supervisor, SDK, free updates |
| Compliance | CE (RED), Railway (EN50155, EN45545) |
| Modularity | Extensions on request |

Product description

The NB3701 is the compact router for railways and other applications where similarly high demands are placed on the hardware. It is the ideal device for applications as for passenger WiFi.

Applications

- Smart Traffic
- Mining
- Passenger WiFi
- Passenger Infotainment

Specifications

| | | |
|--------------------|---------------------|---|
| 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 TNC female |
| Ethernet | Standard | 5x Fast Ethernet Ethernet standard 100BASE-TX, Auto MDIX Speed 10/100 Mbps |
| | Connector | 5x M12 D-coded female |
| USB | Standard | 1x USB 2.0 Host |
| | Connector | 1x Type A |
| IOs | Type | 4x Digital I/O Signals 2x DI, 2x DO DI signals +, - DI level Low: 0 - 5 VDC, high: 7.2 - 40 VDC DO signals Relay outputs with NO, NC, COM (normally open, normally closed) DO level 0 - 60 VDC/1A, maximum switching capacity: 60 W Isolation 1500 VDC |
| | Connector | 1x M12 A-coded female |
| | | |
| System | Core | 1.3 GHz dual-core, 1 GB RAM, 4 GB flash |
| | Module Slots | 2x miniPCIe (PCIe + USB) |

