



Advantages of TOSIBOX®



Simple

Build and manage secure OT infrastructure in minutes



Secure

Tested & audited security



Modular

Unlimited expandability and flexibility



Timeless

Deals with legacy and future systems



Unique

Globally patented point-to-point connection

TOSIBOX® 650

All-around Plug & Go™ connectivity device

TOSIBOX® 650 is ideal performer in enterprise solutions. The versatile connectivity options, utilized in conjunction with leading edge Cyber security technology from TOSIBOX® enable diverse application scenarios. The durable aluminium alloy shell and small form factor is ideal for rugged mounting conditions.

Extended IP30 Rating and operating temperature provides installation and use in demanding environmental conditions.

Tosibox 600 series contains devices for all connectivity scenarios and meets the most demanding operating conditions. Bringing connectivity to those hard to reach locations has never been this easy.

Main features

Performance

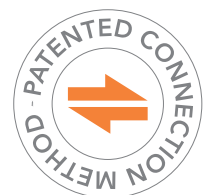
- High VPN throughput, end-to-end encryption between TOSIBOX® devices, users and servers

Reliability

- Integrated WiFi as connectivity method or access point for wireless devices on site
- TosiOnline™ automatic reconnection of dropped connections

Industrial design

- Robust aluminium alloy shell, DIN rail attachment
- Extended IP30 rating
- Operating temperature -40 °C ... +75 °C / -40 °F ... +167 °F



TOSIBOX[®] 650 Technical Data

Product codes: TBL650EU, TBL650UK, TBL650AU, TBL650US

Ports

- 1 x RJ-45 WAN connection, 10/100/1000 Mb/s, auto-negotiation (MDI / MDI-X)
- 3 x RJ-45 LAN connection, 10/100/1000 Mb/s, auto-negotiation (MDI / MDI-X)
- 1 x USB 2.0, type A

Connections

- 9-50V DC, 4 pin industrial DC power socket
- 2 x RP-SMA for WiFi
- DIN rail attachment
- Maximum power consumption 9W

Connection features

- Independent of operating systems
- Works in all Internet connections (operator independent)
- Firewall friendly
- Works with dynamic, static and private IP addresses
- Built-in firewall, NAT
- VPN throughput up to 70 Mbit/s
- TosiOnline™ Automatic network recovery that recovers from most mobile operator and modem problems

WLAN

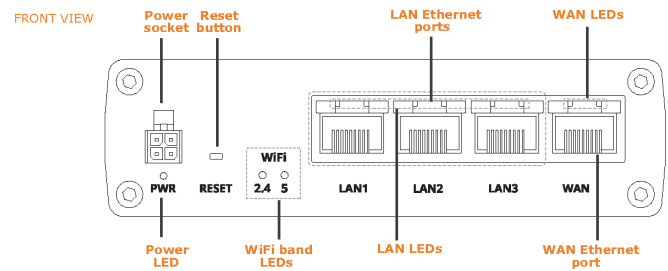
- IEEE 802.11 b/g/n, max. 150 Mbps
- WEP, WPA-PSK, WPA2-PSK, WPA-PSK/WPA2-PSK Mixed, WPA-EAP, WPA2-EAP TKIP/AES encryption
- Frequency 2.412 - 2.462 GHz, 11 channels

Included accessories

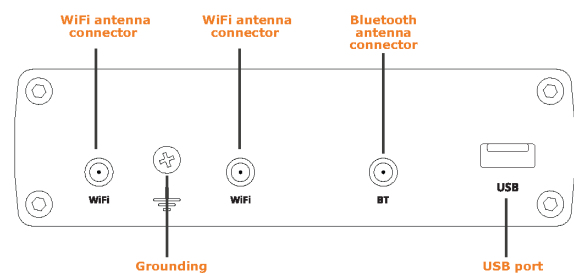
- 18 W PSU
- 2 x WiFi antennas (swivel, RP-SMA male)
- *1 x Bluetooth antenna (*Not supported)
- Ethernet cable (1.5 m)
- DIN rail mount

Physical properties

- 115 x 32.2 x 95.2 mm / 4.52" x 1.26" x 3.74" (W x H x L)
- Protection class IP30
- Weight 355 g / 0.78 lbs (net weight article)
- Operating temperature -40 °C ... +75 °C / -40 °F ... +167 °F



BACK VIEW



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TOSIBOX[®]
Purpose built OT