



## 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<sup>®</sup> 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

- 4 pin industrial DC power socket
- 9-50V DC, reverse polarity protection, voltage surge/transient protection
- 2 x RP-SMA for WiFi
- DIN rail mounting slot in the back
- 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
- Up to 50 concurrent VPN connections
- VPN throughput up to 70 Mbit/s
- TosiOnline™ Automatic network recovery that recovers from most mobile operator and modem problems

## WLAN

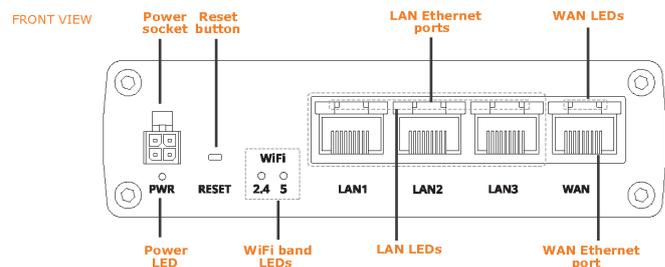
- IEEE 802.11 b/g/n, max. 150 Mbps
- WEP, WPA-PSK, WPA2-PSK, WPA-PSK/WPA2-PSK Mixed, WPA-EAP, WPA2-EAP TKIP/AES encryption
- Frequency 2.412 - 2.462 GHz, 11 channels

## Included accessories

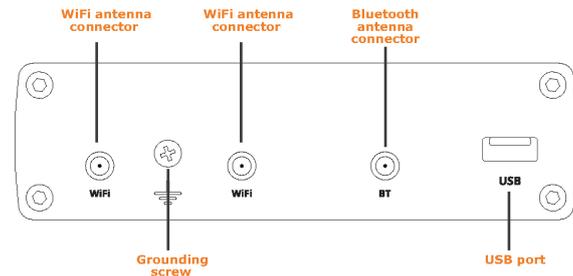
- Power supply unit
  - AC adapter - Input 100 - 240 V AC, frequency 50/60Hz 0,6A, Output 12.0 V, 1.5 A, max 18 W
- 2 x WiFi antennas (swivel, RP-SMA male)
- \*1 x Bluetooth antenna (\*Not supported)
- Ethernet cable (1.5 m)
- DIN rail mount

## 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<sup>®</sup>**  
Purpose built OT