

TOSIBOX® Key

TOSIBOX® Key is an intelligent cryptoprocessing device that enables a secure connection between your computer and one or more TOSIBOX® Nodes, giving you full visibility and control over the network devices connected to the Node.

Connections are established through a secure, encrypted VPN tunnel over the Internet or other common WANs and LANs, and permissions can be easily granted, revoked and configured in an unlimited number of ways. TOSIBOX® Key comes with a durable light metal alloy casing.

Starting from the ID "EF" TOSIBOX® Key conforms to the FIPS 140-2 level 3 regulations. The ID is the first two letters of the serial number found on the nameplate.



Physical properties

- 83 mm x 22 mm x 10 mm / 3.27" x 0.87" x 0.39" (L x W x H)
- Weight 27 g / 0.06 lbs
- Casing aluminium and plastic
- Operating temperature 0 °C ... +70 °C / +32 °F ... +158 °F
- Storage temperature -20 °C ... +80 °C / -4 °F ... +176 °F



TOSIBOX® Mobile Client

TOSIBOX® Mobile Client gives you secure and easy remote access on the go by enabling secure VPN connections to matched TOSIBOX® Node devices, using the mobile device's Wi-Fi or mobile data connection.

TOSIBOX® Mobile Client is built on the physical security foundation of TOSIBOX® products: the access rights are granted and controlled from the physical TOSIBOX® Key, after which the Mobile Client remains bound to it. The access rights are device-specific and non-transferrable.


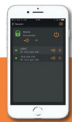



TOSIBOX® SoftKey

TOSIBOX® SoftKey is a computer software that enables a secure connection between your computer and one or more TOSIBOX® Nodes, giving you full visibility and control over the network devices connected to the Node.

The SoftKey works without a physical TOSIBOX® Key device. The SoftKey corresponds a Sub Key that is controlled via a physical Master Key, and therefore it cannot be used to create more keys or Mobile Clients. The access rights are granted and controlled from the physical TOSIBOX® Key, after which the SoftKey remains bound to it. The access rights are device-specific and non-transferrable.



Functions	TOSIBOX® Key 	TOSIBOX® Mobile Client 	TOSIBOX® SoftKey 
TOSIBOX® Plug & Go™ Technology	Yes	Yes	Yes
Key role	Master Key, Backup Key, Sub Key	Sub Key	Sub Key
Cryptographic key size and type	2048 bit RSA, hardware-based	2048 bit RSA	4096 bit RSA
Data encryption	TLS, Blowfish-128-CBC, AES-128-CBC, AES-256-CBC	TLS, AES-128-CBC, AES-256-CBC	TLS, Blowfish-128-CBC, AES-128-CBC, AES-256-CBC
VPN connection type	Layer 2 / Layer 3 (OpenVPN)	Layer 3 (OpenVPN)	Layer 2 / Layer 3 (OpenVPN)
Mobile Client for Android and iOS	Yes (Separate license purchase required)	N/A	No
Two-factor authentication	Yes	Yes	Yes
Operating system support	Windows 11 and 10 on 64-bit Intel x86 architecture Windows Server 2019 macOS Sonoma (v14) and Ventura (v13) on ARM and Intel architectures	Android versions 13 and 12 iOS versions 17 and 16	Windows 11 and 10 on 64-bit Intel x86 architecture Windows Server 2019 macOS Sonoma (v14) and Ventura (v13) on ARM and Intel architectures
Product code	TBK2	TBMC1 TBMC5 TBMC10	TBSKL1 TBSKL5 TBSKL10
Parallel VPN connections	Yes, up to 32*	No	Yes, up to 32*

*The desktop client is not intended for large-scale parallel use.
Host system resources may constrain the maximum number of connections.

Connect the Dots with Tosibox



Do it Easily.
Build and manage secure OT infrastructure in minutes



Do it Automatically.
Connect anything, anywhere - all automated.



Do it Cybersecurely.
You own the data and it's always encrypted.