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.
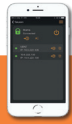

TOSIBOX® SoftKey

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, Blowfish-128-CBC, 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 on Android, IPsec/IKEv2 on iOS)	Layer 2 / Layer 3 (OpenVPN)
Mobile Client for Android and iOS	Yes (1 license incl.)	N/A	No
Two-factor authentication	Yes	Yes	Yes
	Windows: 8.1 and 10 Windows Server 2012 R2, 2016 and 2019. Mac OS X 10.14 (Mojave), 10.15 (Catalina), 11 (Big Sur)	Android version 11 and 12 / iOS version 14 and 15	Windows: 8.1 and 10 Windows Server 2012 R2, 2016 and 2019. Mac OS X 10.14 (Mojave), 10.15 (Catalina), 11 (Big Sur)
Product code	TBK2	TBMC1 TBMC5 TBMC10	TBSKL1 TBSKL5 TBSKL10

Advantages of TOSIBOX

Simple
Build and manage secure IoT infrastructure in minutes

Timeless
Deals with legacy and future systems

Secure
Tested & audited security

Unique
Globally patented point-to-point connection

Modular
Unlimited expandability and flexibility

PATENTED CONNECTION METHOD

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TOSIBOX