



utnserver ProMAX – The 360° Business Solution

OPTIMIZE YOUR WORKFLOW WITH ENTERPRISE ARCHITECTURE

Maximum performance, maximum speed, maximum compatibility, maximum security - as a holistic enterprise solution, the utnserver ProMAX combines all the functions and features you need to optimize your everyday workflow.

Functionality

Benefit from complex features and holistic added value with the simplest application: The utnserver ProMAX works according to the well-known "Plug & Play" principle. This means that you just need to integrate the device server into your network and then plug your USB devices into its available USB ports.

Once you have integrated the device into your network, you can use the SEH UTN Manager software to create a virtual USB connection to your connected USB devices with just one click.

Now you can use the USB devices as if they were connected locally - regardless of whether you are working from the office in the company network or from your home office. The connection to your USB devices works via LAN, VPN, VLAN, Internet as well as in server-based and in virtualized environments.



A true all-rounder: digital enterprise freedom instead of local USB dependency!

The utnserver ProMAX is the first utnserver that breaks through the previous speed limit and impresses across the board with its multi-gigabit network connection. A maximum data transfer rate of up to 190 MB/s ensures that the utnserver ProMAX can be used not only for external hard drives and dongles, but also for connecting card readers, barcode scanners, measuring devices, printers and much more.

In addition to its high performance and speed, the device server also offers maximum compatibility. It is suitable for all operating systems and compatible with all USB devices through its USB Type-C and USB Type-A ports. The utnserver ProMAX automatically recognizes connected devices and protects them from unauthorized access with a direct and encrypted point-to-point connection.

As the high-end device, the utnserver ProMAX not only saves valuable time, it also optimizes your workflows holistically and protects your data with strong security mechanisms.

Your Benefits

- Flexible use of USB devices in WFH (work from home) office environments
- Encrypted access to connected devices via LAN, VPN, VLAN, Internet, and in server-based and virtualized environments for a secure work experience
- Benefit from additional features such as fully encrypted connections and time-based access
- Powerful data transfer rate up to 190MB/s in multi-gigabit network (NBase-T)
- Top compatibility with USB devices: Use a great variety of USB devices with control and flexibility via the network, such as RDX removable disks, scanners, medical equipment, gauges, printers, cameras, telephone systems, and many more.
- Modern, elegant design
- Up to 5 years of warranty

Features

- 4 X USB 3.2 Gen 1 (SuperSpeed) Ports
 - 1 USB Type C
 - 3 USB Type A
- NBase-T Ethernet (2.5GBASE-T, 1000BaseT, 100BaseTX and 10 BaseT)
- For Windows, macOS, and Linux
- VLAN capable (802.1Q)
- WebDAV support (remote back-up and logging)
- Monitoring, logging and notifications
- Regular software updates
- Free technical support worldwide
- Comprehensive security package: Encryption, password protection, certificate management, authentication (802.1X), and much more!

TECHNICAL SPECIFICATIONS

Interfaces and Network Connectors

- 1 × RJ-45 (STP, category 5 or higher)
 - 802.3bz (2.5GBASE-T, 1000BaseT, 100BaseTX and 10 BaseT)
- 4 × USB 3.2 Gen 1 (SuperSpeed) Ports
 - Port 1: USB type C (USB BC 1.2 with up to 1.5 A)
 - Port 2–4: USB type A

Configuration and Management

- SEH UTN Manager (connection management tool) for:
 - Microsoft Windows (32/64-bit; Windows 10 or higher, Server 2012 R2 or later)
 - Version 3.3.x for macOS: 10.15 (Catalina) / 11 (Big Sur)*
 - Version 3.4.x for macOS: 12 (Monterey) or later
 - Linux (Ubuntu 18.04/20.04, Debian 9/10/11, CentOS 7/8, CentOS Stream 8, Oracle 7/8, RHEL 7.4/8.4, Open-SUSE Leap 15.3, SUSE Linux Enterprise Server 15)**
- SEH Product Manager (network device management) for:
 - Microsoft Windows (32/64-bit; Windows 10 or higher, Server 2012 R2 or later)
 - macOS (10.14.x or later)
- utnserver Control Center (integrated UI for configuration, administration, monitoring, and maintenance via browser)
- Monitoring and Logging with WebDAV and Syslog-ng-Export
- Email, SNMP, Bonjour

Supported Protocols

- IPv4/IPv6
- TCP/IP:
 - DHCP, ARP, TCP, UDP, ICMP, IGMP, TFTP, HTTP/HTTPS, Zeroconf, DNS, SLP, SNMP MIB-2 compatible, SNMPv1, SNMPv3, SMTP, POP3, SSL/TLS, Bonjour, WebDAV, Syslog etc.

Security

- Encryption: SSL 3.0, TLS 1.0/1.1/1.2/1.3, HTTPS
- Authentication: 802.1X (EAP-MD5, EAP-TLS, EAP-FAST, EAP-TTLS, PEAP)
- Certificate management: Self-signed certificate, certificate request, CA certificates, PKCS#12 certificate, S/MIME certificate
- SNMPv3
- VLAN (802.1Q)
- TCP port access control

*macOS 11.x (Big Sur) limited support of usb devices

** A successful installation cannot be guaranteed due to the multitude of Linux distributions! Install at your own responsibility.

- Device access control (password protection, session login)
- USB port access control (key, device allocation, USB port deactivation)
- USB HID class blocking
- Notifications
- Monitoring and Logging

Supported Languages

- Control Center and SEH UTN Manager: English, German, French, Spanish, Italian, Portuguese, Japanese, Korean, Chinese (traditional and simplified)
- SEH Product Manager: English, German, Japanese

Tests (Notifications)

- CE: EN 55035:2020, EN 61000-3-2: 2014, EN 61000-3-3:2013, EN55032:2015 + A11:2020 class B
- UKCA: EN55035:2020, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 55032: 2015 + A11:2020 class B, EN 50581:2012
- FCC: class B
- VCCI class B
- RoHS

Power Supply

- External power pack
- Output: 5.5 V, 4.54 A
- Input: 100–240 V ~

Power consumption

- approx. 3 W (without load)
- approx. 15 W (at 500 mA per USB port)
- approx. 26–130 kWh/year, depending on utilization

Operating environment

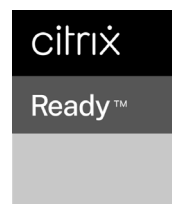
- Temperature: 5–40 °C
- Relative humidity: 20–80 %

Dimensions & Weight

- Width, height, depth: 157 × 29 × 97 mm
- 290 g (without power pack)

Order Numbers

- M05400 (EU) • M05401 (UK)
- M05402 (US) • M05403 (JP)



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<https://www.seh-technology.com/products/usb-deviceserver/utnserver-promax.html>