

WebAccess/VPN

Advanced Secure Networking Platform for Cellular Routers and Gateways

- ✓ HW BOX WebAccess/VPN solution
- ✓ Highly ruggedized, fanless design
- ✓ Secure Private Networks in internet
- ✓ Encrypted & Reliable Communication
- ✓ Firewall & Access Control
- ✓ Easy Deployment
- ✓ Designed for Light-Weight Remote Access and VPN applications



VPN-BOX-UN023
On-Premise Hardware Box Solution

ADVANTECH

Enabling an Intelligent Planet

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WebAccess/VPN VPN-BOX-UNO23



Introduction

The computer **VPN-BOX-UNO23** has preinstalled a proprietary **Advantech Linux distribution**, based on Xubuntu together with the **On-Premise version of WebAccess/VPN**. There is possible to choose from two licenses. The first variant of the license includes 100 routers and 20 standalone VPN clients and the second 500 routers and 100 standalone VPN clients.

The **maximum overall throughput** (all active VPN connections from the routers and standalone VPN clients together at one moment) of WebAccess/VPN server installed on UNO-2372G industrial computer is limited to approximately 85 Mbps for both license options (VPN-BOX-UNO23-100 and VPN-BOX-UNO23-500).

The computer is highly ruggedized (industrial use) and is designed as fanless with a modular design. The computer is equipped with two independent LAN GbE ports, 1x USB 3.0, 3x USB 2.0 Compliant, 4x RS-232/422/485, 1x HDMI Output, 1x Display Port.

Specifications

General	
Certification	CE, FCC, UL, CCC, BSMI
Dimensions (W x D x H)	150 x 105 x 35mm (Aluminum Housing)
Mounting	Stand, Wall, VESA (Optional), DIN-rail (Optional)
Weight (Net)	1.0kg (2.2lbs)
Power Requirement	10 ~ 36V DC
Power Consumption	30W (Typical), 42W (Max)
OS	Advantech Linux distribution, based on Xubuntu
Software	Preinstalled WebAccess/VPN
Environment	
Operating Temperature	-20 ~ 60°C @ 5 ~ 85% RH with 0.7m/s airflow
Relative Humidity	10 ~ 95% RH @ 40°C, non-condensing
Shock Protection	Operating, IEC 60068-2-27, 50G, half sine, 11ms
Vibration Protection	Operating, IEC 60068-2-64, 2Grms, random, 5 ~ 500Hz, 1hr/axis (mSATA) Operating, IEC 60068-2-64, 0.75Grms, random, 5 ~ 500Hz, 1hr/axis (HDD)
Ingress Protection	IP40

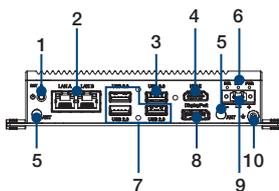
ORDERING CODES

VPN-BOX-UNO23-100	WebAccess/VPN, HW Box UNO-2372G for 100 routers and 20 standalone VPN clients
VPN-BOX-UNO23-500	WebAccess/VPN, HW Box UNO-2372G for 500 devices and 100 standalone VPN clients

System Hardware

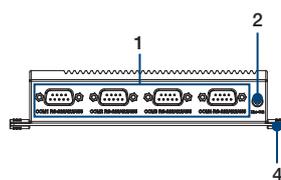
Hardware Security	TPM2.0 (UNO-2372G-J Series)
Processor	Intel® Celeron® Quad Core J1900, 2GHz
Memory	Built-in 4GB DDR3L 1333MHz (Up to 8GB)
Ethernet	Intel® i210-IT GbE, 802.1Qav, 802.1AS, 802.3az
LED Indicators	LEDs for Power, RTC battery, LAN (Active, Status) and HDD
Storage	1x mSATA shared with mPCIe slot 1x drive bay for SATA 2.5" HDD Installed SSD 128 GB
Expansion	2x Full size mPCIe slots
I/O Interfaces	
Serial Ports	4x RS232/422/485, DB9, 50 ~ 115.2kbps
LAN Ports	2 x RJ45, 10/100/1000 Mbps IEEE 802.3u 1000BASE-T Fast Ethernet
USB Ports	1x USB 3.0, 3x USB 2.0 Compliant
Power Connector	1x 2 Pins, Terminal Block

Front view



1. Power Button
2. RJ45 LAN
3. USB 3.0
4. HDMI
5. Reserved Antenna
6. BTR, HDD & PWR LED Lights
7. USB 2.0
8. DisplayPort
9. Power Connector
10. Chassis Grounding

Rear view



1. RS-232/422/485
2. Line Out
3. iDoor Expansion Slot
4. Rubber Stopper

Dimensions

Units: mm

