EN INSTALLATION MANUAL

Language	ENGLISH
Series	Z-PC
Product	**VPN BOX**
Description	Virtual Private Network Customized Server

Contents:

1. PRELIMINARY WARNINGS
2. PRELIMINARY USE INSTRUCTIONS
3. GENERAL SPECIFICATIONS
4. TECHNICAL SPECIFICATIONS
5. FRONT PANEL
6. BACK PANEL
7. DECOMMISSIONING AND DISPOSAL



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FOR FURTHER INFORMATION, PLEASE SEE THE USER MANUAL.
Programming tools, app, manuals, templates, examples, etc. for the product can be downloaded free of charged at www.seneca.it in the VPN BOX section.

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PRELIMINARY WARNINGS



The full content of this manual must be read before performing any operation. The module must only be used by qualified electricians. Specific documentation is available at www.seneca.it



The module must be repaired and damaged parts replaced by the Manufacturer. The product is sensitive to electrostatic discharges.Take appropriate measures during any operation.



The warranty is null and void in the event the module or devices supplied by the Manufacturer, necessary for correct operations, are improperly used or tampered with and, in any case, if the instructions contained in this manual were not followed.

PRELIMINARY USE INSTRUCTIONS



Installing the module next to devices that generate heat is prohibited.
Use only the power adapter provided in the package. The use of another model must be agreed with SENECA or the warranty will be lost.

GENERAL SPECIFICATIONS

CPU	Intel Atom N2800
CPU Speed	1.86 GHz
CPU Socket	Onboard (BGA)
CPU Generation	Cedarview
Core Number	2
CPU Cooling Type	Fanless
Front I/O	NR 2 USB 2.0 Power button
Rear I/O	NR 2 USB 2.0 High Current NR 2 USB 2.0 NR 1 VGA NR 1 HDMI NR 1 LAN 1Gb NR 2 Jack Audio 1 power jack (8 V to 19 V)
Chipset	Intel NM10
GPU	Intel GMA 3650
RAM Memory	DDR3 SO-DIMM (non-ECC)
RAM on board (minimum)	2 GB
Memory Speed (MHz)	1066
Memory slot	2
Expansion slot	PCIe Mini Card (full height) PCIe Mini Card (half-height)
Hard disk (minimum)	32 Gb solid state (SSD) mSATA
LAN Controller	Intel 82579L GbE
Audio Controller	Realtek ALC888S codec
Power	8~19 V from external power supply (provided)
Power Input	Onboard DC jack
Case	Compact Fanless

TECHNICAL SPECIFICATIONS

Standards

The instrument complies with the following standards:

CISPR 22, 24 **EN 55022, 55024** **EN 61000-3-2, EN 61000-3-3** **IEC/EN 61000-4-2, 61000-4-3, 61000-4-4, 61000-4-5, 61000-4-6, 61000-4-11** **EN 60950-1**	CE

Power supply

Voltage, Power	230 Vac -15 +10 % with external power supply unit , 90 W max.

Environmental conditions

Temperature	0 °C – +40 °C
Humidity	30 – 90% a 40°C non condensing
Altitude	up to 2000 m above sea level
Storage temperature	-20 °C – +85 °C
Protection rating	IP20

Overall dimensions/case

Dimensions	185.14 x 32 x 205 mm
Case	Extruded aluminum Steel

Default IP Address

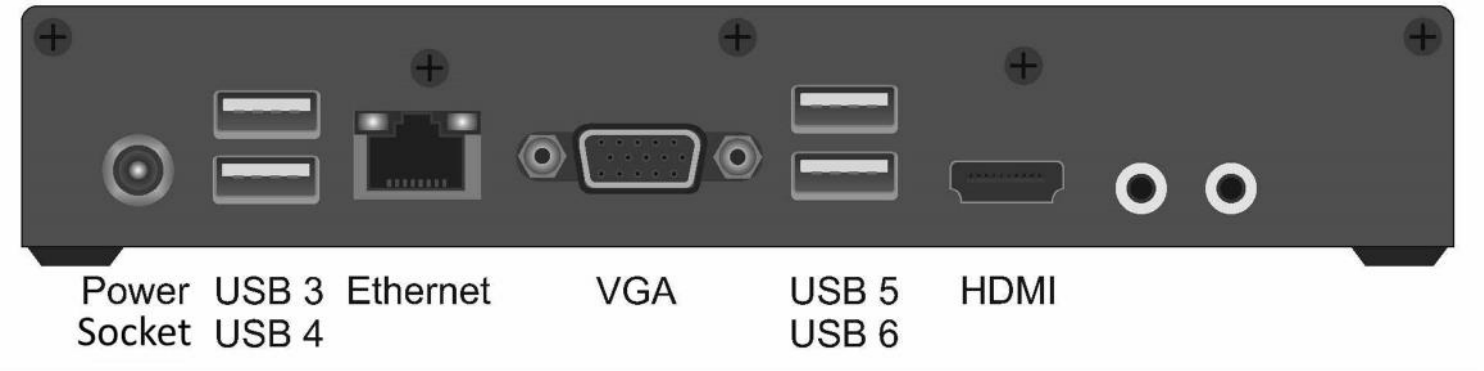
The default IP address is configured for DHCP mode.

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FRONT PANEL



BACK PANEL



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DECOMMISSIONING AND DISPOSAL



Electrical and electronic waste disposal (applicable in the European Union and other countries with recycling). The symbol on the product or packaging indicates that the product cannot be discarded as domestic waste. It should be taken to an authorised recycling centre for electrical and electronic waste. Ensuring that the product is suitably discarded will avoid potential negative impacts on the environment and human health, that could be caused by non compliant product disposal. Material recycling will contribute to the preservation of natural resources. To receive further information, please contact your local waste disposal service centre or product dealer.

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