



## TrapX® DeceptionBox

### Proven Solution For Protecting OT Environments Against Threats

OT (Operational Technology) networks present a unique cyber security challenge. The mix of legacy systems and proprietary embedded OS's present a tempting attack surface for malware and other attacks. It is very difficult to introduce cyber security to OT sites as there is little virtual infrastructure or rack infrastructure to host those solutions.

TrapX DeceptionGrid is the only solution able to protect devices without any friction. By deploying a set of traps camouflaged as IT/OT assets, DeceptionGrid protects an organizations valuable assets against a multitude of attacks including malicious insiders and cyber-criminals, with its advanced detection capabilities. In order to bring the powerful detection capabilities of DeceptionGrid to OT sites, TrapX now offers a fanless, small-form factor industrial-grade appliance. This appliance is based on the Nexcom NISE 3800 family. DeceptionBox (TRX-HA-IND) is a powerful and efficient small-form factor server, fully tested and supported for the appliance component of TrapX DeceptionGrid's architecture.

DeceptionBox can be used by TrapX customers to deploy DeceptionGrid in networks that do not support cloud or virtual infrastructure and does not require a fan or a lot of space to operate.

### Product Overview

Integrated with 6th generation Intel® Core™ i3 processors, the NISE 3800 DeceptionBox is a fanless PC designed for industrial applications which demand high CPU and graphics performance. DeceptionBox supports up to 16G DDR4 memory and have several options on storage devices like M.2, HDD, mSATA or SSD. NISE 3800 supports wide range of DC input from +9V to 30V DC input, and can be operated in an extended operating temperature range between -5 to 55 Celsius degree. For extended module availability, DeceptionBox is also designed with two internal mini-PCIe sockets to support IoT applications (integrate with optional GbE LAN) and common communication applications (integrate with optional GPIO, RS232/422/485 module).

### DeceptionBox Availability

- From TrapX or TrapX certified partners, with DeceptionGrid pre-installed.

DeceptionBox IS supported and available:

- **DeceptionBox.** Core i3-7101TE, 4 x RJ45 1GbE LAN, DDR4-8GB, SSD 64GB.

## Specifications

DeceptionBox includes the following components:

**Main Memory:** 2 x DDR4 SO-DIMM socket, support up to 16GB with un-buffered and non-ECC

**Display Option:** Two independent display, HDMI+ DVI-D

**Front I/O Interface Status LEDs:** 2 x LAN active LEDs, 2 x GPO status/COM1/2 TX/RX LEDs, 1 x HDD access LEDs



**Front I/O Interface:** 1 x ATX power on/o switch, 2 x USB 2.0 ports (500mA per each), 1 x Line-out and 1 x Mic-in, 2 x Antenna holes, 1 x SIM card holder

**Rear I/O Interface:** 2 x DB9 for COM1 & COM2, COM1: RS232/RS422/RS485, COM2: RS232/RS422/RS485. 4 x USB 3.0 ports (900mA per each), 1 x DVI-D port, 1 x HDMI port, 2 x Intel® I210IT GbE LAN ports; support WoL, teaming and PXE, 1 x 2-pin remote power on/o switch, +9V to 30V DC input

**Storage Device:** 1 x 2.5" HDD (SATA 3.0), 1 x mSATA (internal mini-PCIe socket)

**Expansion Slot:** One PCIe x4 expansion slot, Add-on card length: 169mm max., Power consumption: 10W/slot max., 2 x Internal mini-PCIe socket support optional Wi-Fi/3.5G/mSATA/Fieldbus

**Power Requirements:** AT/ATX power mode (default: ATX power mode), Power input: +9 to +30V DC, Power adapter: optional AC to DC power adapter (24V DC, 120W)

**Dimensions:** 215 mm(W) x 272mm (D) x 93mm (H) without wall mount bracket (8.5" x 10.7" x 3.7")

## About TrapX Security®

TrapX Security is the pioneer and global leader in cyber deception technology. Their DeceptionGrid solution rapidly detects, deceives, and defeats advanced cyber attacks and human attackers in real-time. DeceptionGrid also provides automated, highly accurate insight into malicious activity unseen by other types of cyber defenses. By deploying DeceptionGrid, you can create a proactive security posture, fundamentally halting the progression of an attack while changing the economics of cyber attacks by shifting the cost to the attacker. The TrapX Security customer-base includes Forbes Fortune 500 commercial and government customers worldwide in sectors that include defense, healthcare, finance, energy, consumer products, and other key industries. Learn more at [www.trapx.com](http://www.trapx.com).

## Disclaimer

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