

0.00 EUR

incl. 19% VAT, plus [shipping](#)

- NVidia Jetson Orin NX !
- 16GB RAM !
- 480GB SSD !
- 4x FAKRA / 2-CH GMSL x2 !



- NVIDIA® Jetson Orin™ NX SoM with 1024 CUDA Cores
- 4 x GMSL Cameras Support
- 2 x Ethernet with M12 Connectors
- 1 x CAN FD for Vehicle Connection
- 9-60VDC Input with Built-in Smart Power Management
- -25°C ~ 70°C Operating with Fanless Design
- Optional Backup Battery for Emergency

IBOX-601-M12X-01-ONX16-S05

System

NVIDIA® Jetson™ Orin NX 16GB / 480GB SSD / Model M12 / 4x FAKRA / 2-CH GMSL x2

Module

**NVIDIA® Jetson Orin™ NX 16GB – 100 TOPS
(1024 CUDA cores + 8-core ARM Cortex-A78AE CPU + 16 GB LPDDR5)**

Security

Platform Security Controller (PSC), Security Engine (SE)

		- 2 x M12 X-coded for 1 x 2.5GbE & 1 x GbE (Intel® 2.5GbE, SoM Built-in GbE)
		- 2 x USB 3.2 Type-A * Two ports share 10Gbps bandwidth - 1 x HDMI 2.1 output supports 4K resolution - 1 x HD Audio from the HDMI - 1 x DB-9 for RS-232/422/485 - 4 x FAKRA for GMSL-2 cameras - 1 x DB-9 for CAN FD - 1 x DB-9 for 4 x DI / 4 x DO - 1 x USB Type-C for system recovery (Device only) - 1 x Nano SIM card slot - 5 x Pre-cut holes for external SMA antenna
Interface		

Wi-Fi: M.2 2230 Wi-Fi Module

WWAN Modem: M.2 3042/52 WWAN Modem

Optional Accessories

GPS: mPCIe GPS Module

UPS: BAT-2300v2

GMSL Camera