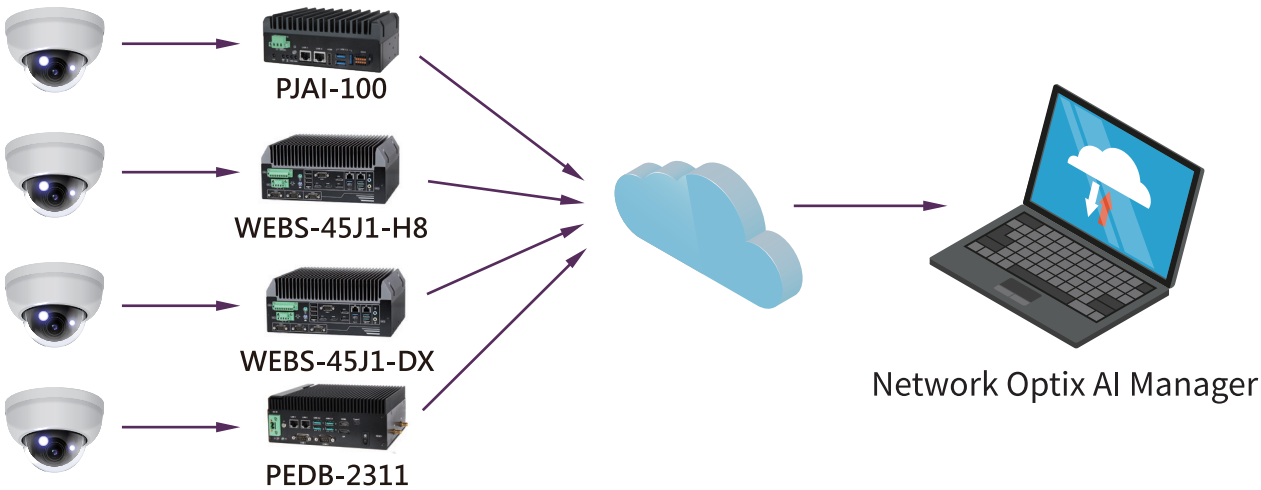
AI at the Edge, Powered by Portwell, Managed by Network Optix

Key Management Functions of Nx AI Manager

- Remote AI Model Management
- Scalable AI Pipeline Configuration
- Edge Device Integration
- Cloud-Based Model Deployment
- Integration with Nx EVOS



NVIDIA Jetson Intel Meteor Lake HAILO DEEPX

Portwell
No. 242, Bo'Ai St., Shu-Lin Dist, New Taipei City 238, Taiwan
Tel: +886-2-7731-8888 Fax: +886-2-7731-9888
E-mail: info@portwell.com.tw
www.portwell.com.tw

Network Optix
975 Ygnacio Valley Rd, Walnut Creek, CA 94596, USA
https://www.networkoptix.com/

Network Optix (Nx) is a U.S.-based software company specializing in enterprise video management and analytics solutions. Founded in 2010 and headquartered in Walnut Creek, California, Nx has been recognized multiple times on the Inc. 5000 list of fastest-growing private companies in America, reflecting its consistent growth and innovation in the video technology sector .

Core Products and Technologies

At the heart of Network Optix's offerings is Nx Witness VMS, a high-performance, cross-platform video management system designed to discover, view, record, and manage IP cameras and devices with ease. It supports seamless integration with over 790 device manufacturers and offers features like AI-driven analytics, intelligent storage, and customizable user interfaces .

Complementing this is Nx EVOS (Enterprise Video Operating System), a comprehensive platform that combines intelligent video with data-driven AI insights to revolutionize operational management across various industries . Additionally, Nx Go is tailored for the transportation sector, providing dynamic mobile surveillance and analytics .

Developer Ecosystem

Network Optix offers a robust developer toolkit, including APIs and SDKs, enabling rapid customization and integration of their video solutions into diverse applications. This empowers developers to build intelligent video services and solutions efficiently .

PJAI-100

- Edge AI system with NVIDIA Jetson Orin NX / Nano module, up to 100 TOPS
- 4GB/8GB 64-bit LPDDR5 (By SOM)
- 1x M.2 2280 M-Key NVMe (PCIe x4)
- Supports 1x M.2 2230 E-Key, 1x M.2 3042/3052 B-Key and 2x Nano SIM slots
- Supports 2x RJ45 GbE and 3x USB 3.2 Type A ports

PJAI-100

WEBS-45J1-H8 HAILO

- Empowered by Hailo's Hailo-8 AI accelerator up to 26 TOPS
- Support 14th/13th/12th Gen Intel® Core™ i3/i5/i7/i9 processors
- Support triple DP and one HDMI® display
- Support One M.2 E Key, One M.2 M Key

WEBS-45J1

WEBS-45J1-DX DEEPX

- Empowered by DEEPX's DX-M1 AI accelerator
- Support 14th/13th/12th Gen Intel® Core™ i3/i5/i7/i9 processors
- Support triple DP and one HDMI® display
- Support One M.2 E Key, One M.2 M Key

WEBS-45J1

PEDB-2311

- Support Intel® Core™ Ultra 7 processor 165U
- Support dual display with DP and HDMI®
- Equipped with 3x M.2 slots for LTE/5G/WiFi 6E/BT 5.2 connectivity
- Up to 11.5 TOPS based on NPU