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NEXAIOT
Your Partner in Smart Manufacturing

IoT Automation & IPC Series Product Solution

- L1: Industrial PC & Panel PC
- L1: Factory & Motion Automation Product
- L2: M2M, IoT Connectivity Gateway
- L3: Edge Computing
- L3: Cloud-native PaaS and SaaS Solution
- L4: AI Server, AIGE Series

intel partner
Titanium

About NexAIoT

NexAIoT, an Industry 4.0 company

Empowering industrial IoT with artificial intelligence

NexAIoT is a Limited Liability Company, incorporated in Taiwan in 2014 and is subsidiary of NEXCOM (TWSE: 8234).

NexAIoT has established its position worldwide as market leader in providing I4.0 solution including Industrial PC, Factory Automation, Robotics and AIoT solution. Its mission is to become the global leader in industrial IoT and the preferred partner to accelerate the digital transformation in industry 4.0.

NexAIoT's operation is supported by solution engineering, product engineering (R&D, project management, technical support), sales & business development (local, overseas and ODM) and backend operation (finance, HR, IT, procurement) divisions, with regional business operation in Asia, Europe and USA.

Contents

L1: Industrial PC & Panel PC

L1: Factory Automation

L2: IoT Connectivity Gateway

L3: Edge Computing

L3: Cloud-native PaaS and SaaS Solution

L4: AI Server, AIGE Series

NexAIoT
Market Value Proposition

NexAIoT aims to be the leader in Industry 4.0 by embracing Open Platform belief. We provide a comprehensive integrated solution from on-premise to the cloud which helps enterprises to achieve the goals of Digital Transformation.

The eSAF cybersecurity software protects everything from the AMR (Autonomous Mobile Robot) to the control units in the production line. It not only defends enterprises against hacker attacks but also secures the data operation from manufacture side.
The first step in digital transformation is to build IoT automation in manufacturing, including smart manufacturing and machinery.

NexAIoT's iRPA 2000 system provides motion control solutions for robots and machines, allowing enterprises to rapidly build unmanned production lines through human-robot collaboration. The iAT2000 cloud-based automation system provides smart control units, such as the nPAC controller and I/O, eSMART human-machine interface, fanless industrial computer NISE series, and industrial wireless communicator. Our system is able to help customers build a complete smart factory production line.

In the 2nd phase of integration, NexAIoT provides a complete machine-to-machine solution that integrates world famous brands in PLC , CNC and robot control units. IoT Studio and OPC UA software provides one-click-to-cloud feature which fully complies with Open Standard design concept and enables simplifying the data collection.

NexAIoT's full range of automation products support Intel core series processors and come with software-define-machine and then extend to software-define-manufacturing. They are perfect in smart factories, smart warehousing, and smart agriculture applications.

The 3rd phase of integration aims at the seamless connection of cloud SCADA and ERP, MES, and other IT software. NexDATA is NexAIoT's

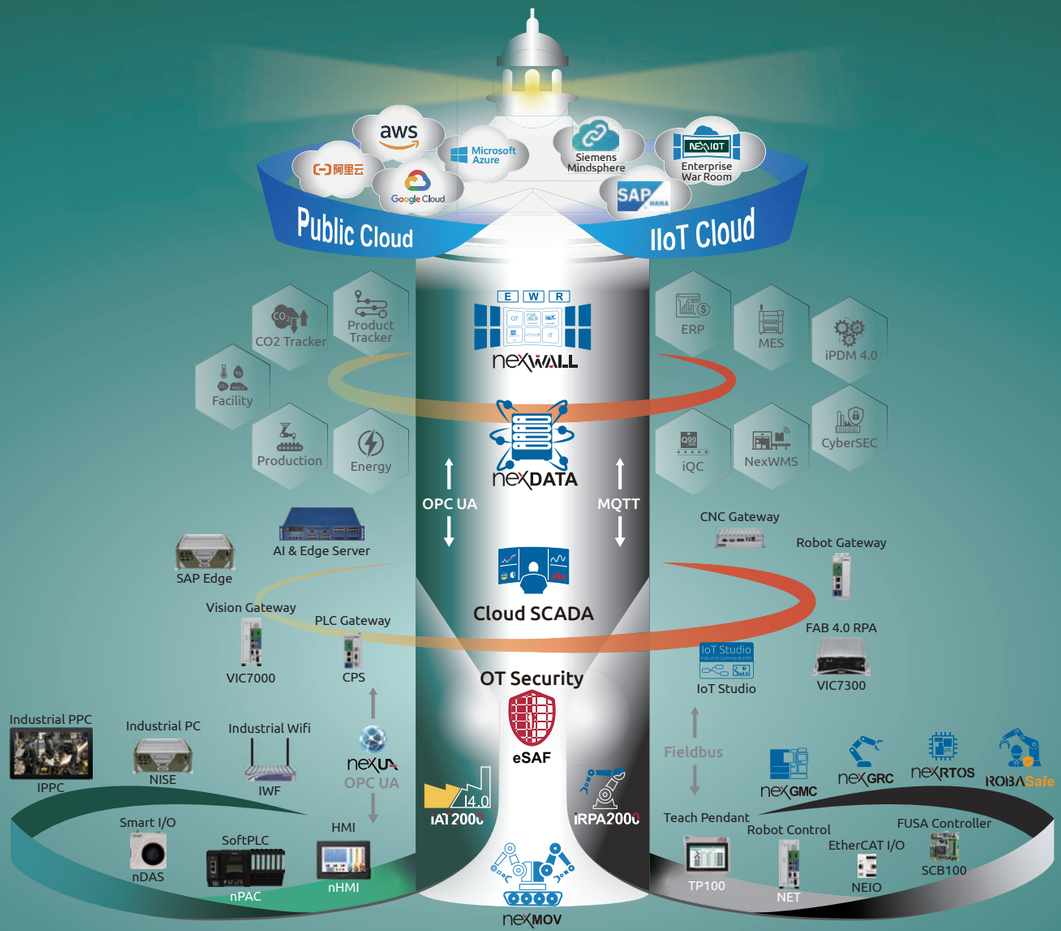
Cloud Services

AI and Microservices

Data Convergence

Smart Manufacturing

Smart Machinery & Robotics



self-developed software. It is an on-premises data center that enables to integration of real-time databases, structured data and unstructured databases which can break the traditional Information Silo architecture, making cloud application developers SaaS. to create AI and microservices efficiently.

Lastly, NexDATA delivers an open API that enables developers to build enterprise war rooms and its decision-making applications on well-known public cloud or private cloud. NexDATA can empower digital service in sales and marketing activities by operating national boundaryless and real-time decision.

iAT2000 Makes the Cyber and Physical Integration for Industry 4.0 applications

iAT2000 Cloud SCADA

L4

Digital Transfomation
&
Enterprise War Room
SaaS, PaaS

L3

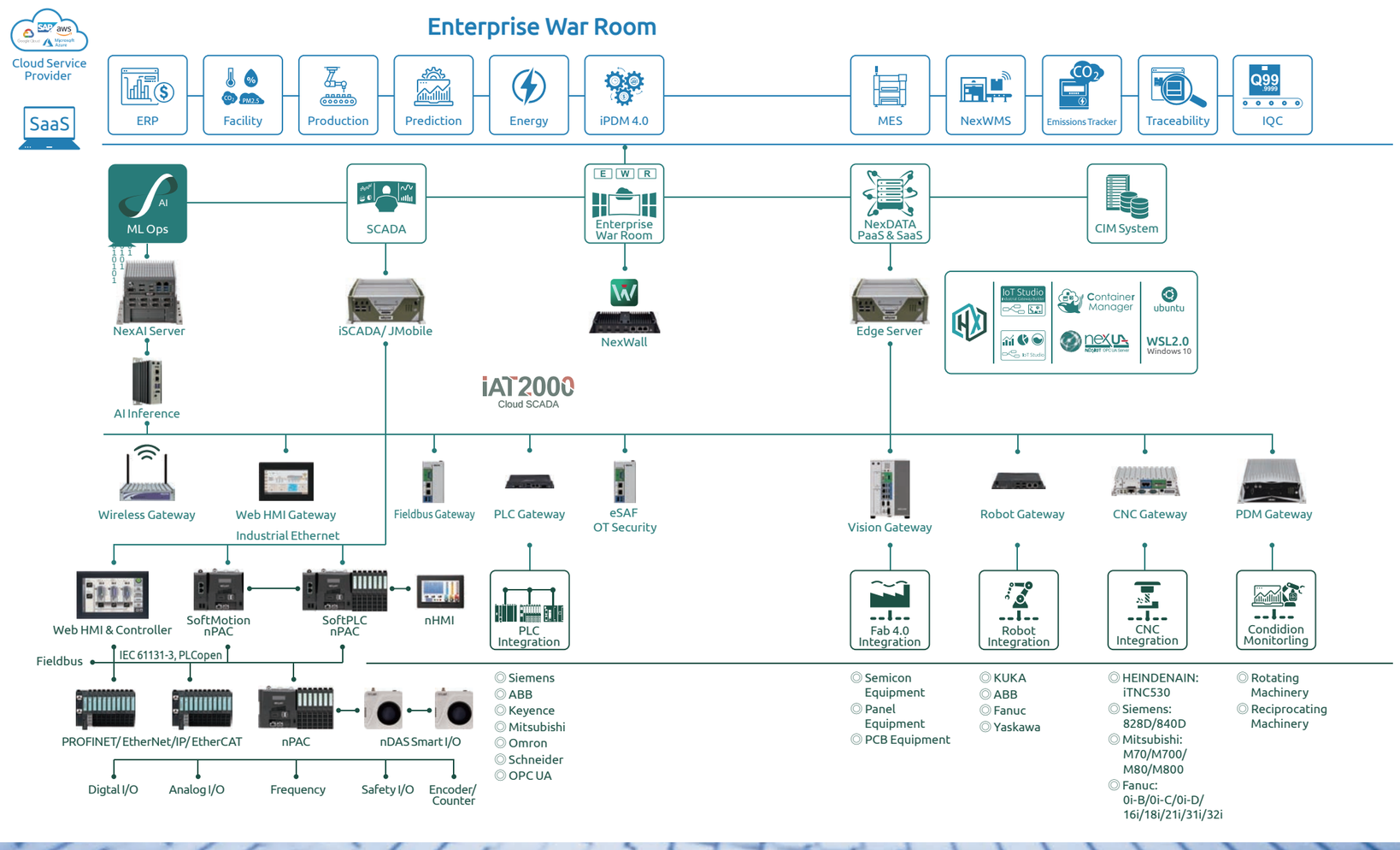
OT / IT / AI
Data Integration
AIoT Scientists

L2

M2M
&
IoT Connectivity
System Integrator

L1

Automation
&
Machinery
System Maker



SYSTEM ARCHITECTURE

Digital Enterprise

- I4.0 War Room
- Big Data Analysis and AI
- SaaS Applications
- ESG

Data Management

- Cloud SCADA Platform
- EWR Management Platform
- Data & Microservices Platform
- Hybrid Cloud
- Machine Learning/ AI

Integrated Edge

- AI Inference
- Wireless Gateway
- PLC Gateway
- Fieldbus Gateway
- Vision Gateway
- Robot Gateway
- CNC Gateway
- Security Gateway

Automation System

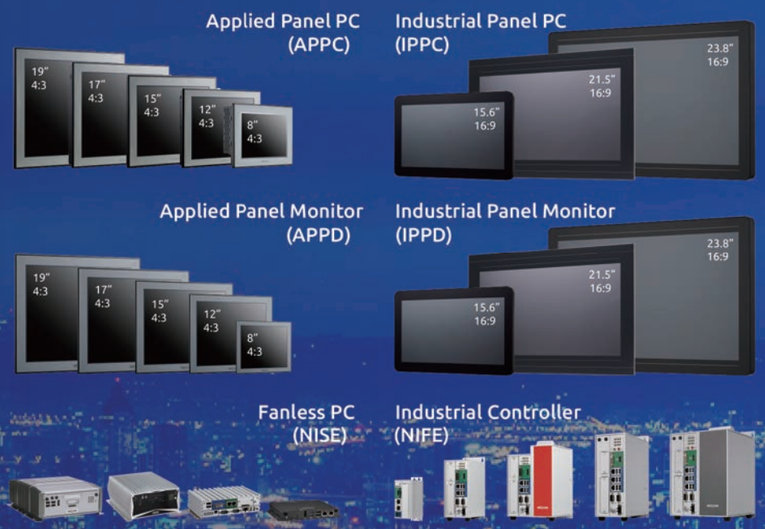
- PC-Based Controllers
- Distributed I/O
- BT 5.0 Controller
- SCADA and HMI
- Robot Control
- Motion Control

Industry 4.0 Driving Engine

IPC & Panel PC

With NexAIoT's years of experience in the field of industrial computers, and the commitment of our incredibly talented R&D and top-quality customer service teams, we promise to deliver products that are highlighted by efficiency, sturdiness, durability, and reliability.

NexAIoT's IPC line covers fanless computers (NISE), industrial controller (NIFE), smart function PC (TT) and touch screen panel computer (IPPC/APPC/Transportation PPC/Marine PPC). All are equipped with Intel's latest CPU technology to meet the needs of smart manufacturing.



IoT Automation

NexAIoT produces automation controllers, gateways, and servers to enable machine control, data monitoring, and communication for smart manufacturing. The PC-based automation has many benefits: pre-install programs, Ethernet, high computing power, and integration of different brands. In addition to NexAIoT own brand products, NexAIoT has established a partnership with I4.0 ecosystem partners and has been appointed as an official distributor, such as CODESYS, JMobile, NexAIoT produces automation controllers, gateways, and servers to enable machine control, data monitoring, and communication for smart manufacturing.

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New Product

nDAS

nPAC

CPS 50-N01

NISE70-T02

TT300-A2Q

NISE3910E

IPPC1611-C11

APPC1560-A11

IPPC2411-C11

L1
Industrial PC & Panel PC

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All are equipped with Intel's latest CPU technology to meet the needs of manufacturing, industrial, marine, public transportation, and even retail/service environments, while using 5G and AI technologies to boost production.

NexAIoT has additionally launched a new website, a one-stop shop which not only allows you to browse our product catalogue and features more quickly, but also to immediately select the products most suitable for your needs.

Slim and Budget Fanless PC

Powered by Intel® Atom® processors, Slim and Budget Fanless Computers feature a complete I/O array. Models serve as ideal centerpieces in space-critical, entry-level applications such as data acquisition, gate control, self-service systems, and points of sale.

LAN x 2 | Certified | Ultra Slim

NISE50-B01

Slim and cost-effective fanless PC

- On-board Intel® Celeron® J1900, 2.00G Hz
- 1 x HDMI, 4 x USB 2.0, 2 x LAN, 3 x COM
- 3 x mini-PCIe sockets for mSATA / WiF i / LTE module
- 1 x RS232 full, 1 x RS232 (only Tx / Rx / GND)
- 1 x RS422 / 485 with auto flow
- Support 24V DC input

NISE53

Slim fanless PC with multiple I/O design

- On-board Intel® Celeron® J6413 / Atom® x6211E
- 3 x HDMI
- 1 x Front accessible M.2 Key B
- 3 x GbE LAN ports
- 1 x internal M.2 Key B
- 1 x RS232 / 485, 1 x RS232 / 485 with auto flow

New

5G Module | GbE x 3 | m.2

New

HDMI in x 4 | GbE x 3 | Wide Voltage

NISE70-T02 / T03

Compact PC, on-board Tiger Lake-UP3 with 4 x HDMI Display

- On-board Intel® Celeron® 6305E / Core™ i5-1145G7E / Core™ i7-1185G7E
- 3 x USB 3.0, 1 x USB 2.0, 3 x LAN, 2 x COM
- Support TPM2.0 Chip (BOM option)
- 1 x M.2 Socket for storage / 4G LTE / 5G
- 1 x mini-PCIe socket support mSATA / Wi-Fi / BT / 4G LTE
- Support 12 to 24V DC input

Compact and Expansion Fanless PC

Powered by Intel® Atom® processors, Atom® Compact and Power Series fanless computers, its housed in rugged aluminum chassis with industrial-grade components that deliver exception quality and a ruggedized design.

Wide Voltage | Compact | COM x 4

NISE105U

Compact fanless PC, price killer

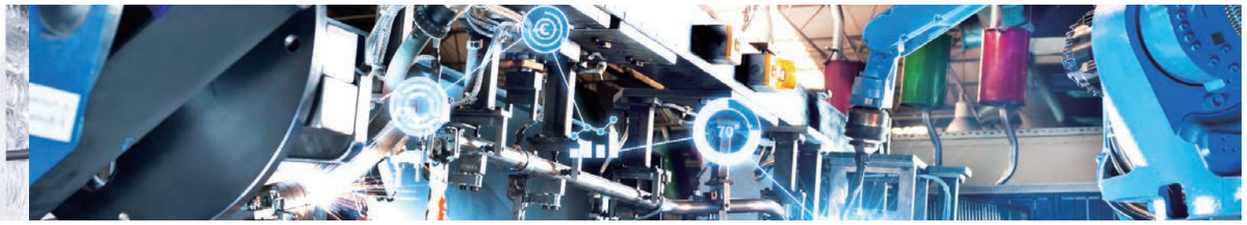
- On-board Intel® Celeron® J1900, 2.00G Hz, 1 x DDR3L SO-DIMM, support 8GB max.
- Support both 2.5” HDD and M.2 storage
- 2 displays, support DVI-I and HDMI
- 2 x USB 2.0, 1 x USB 3.0, 2 x LAN, 4 x COM
- Support 1 x mini-PCIe for Wi-Fi / LTE
- Support 9 to 30V DC input

NISE109-E01 / E02

Industrial Compact fanless PC, Wide input rating and extend operation temperature

- On-board processors
- E01: Intel® Atom® processor x6211E 1.3Ghz
- E02: Intel® Celeron® processor J6412 2.0Ghz
- Dual display port: 1 x HDMI & 1 x DP
- 2 x LAN, 6 x USB, 4 x COM
- 1 x M.2 & 1 x mini-PCIe expansion
- 1 x 2.5” SSD & 1 x M.2 Key B storage
- Support -20°C to 70 °C extended temperature
- Support 9 to 30V DC input

Compact | COM x 4 | mPCIe



Hi-performance NISE Fanless PC

Every Core™-i Performance product offers a superb complement to industrial automation, smart machinery, and transportation.

New

NISE3910 Series

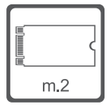
Latest Intel® Alder Lake-S/ Raptor Lake-S Core™ i7/i5/i3 support hi performance fanless PC

- Support Intel® 12th /13th LGA1700 socket type CPU
- 2 x DDR5 SO-DIMM, support up to 64GB
- 1 x VGA, 1 x DP, 1 x HDMI with independent display support
- 4 x 2.5GbE LAN, support WoL, Teaming, and PXE
- Support up to 2 x 2.5" HDD/SSD
- 1 x M.2 2242 Key M & 1 x M.2 3042/3052 Key B
- 1 x mPCIe support Wifi/3.5G/4G LTE
- TPM 2.0 default onboard
- Operating temp. -20 to 60°C

NISE3900E

Stylish, ultra-performance Intel® Core™ i socket-type fanless PC, support Core™ i3/i5/i7 CPU

- Support Intel® 8/9th Gen. Core™ i socket-type CPU
- 2 x DDR4 SO-DIMM, support 32GB max.
- Support both 2.5" HDD and M.2 B+M Key
- Optional dual 2.5" HDD tray, RAID 0/1 supported
- 6 x USB 3.0, 4 x USB 2.0, 3 x LAN, 4 x COM
- Support TPM 2.0
- Support 9 to 30V DC input
- Family include: NISE3900E / NISE3900E2 / NISE3900P2/NISE3900P2E/NISE3900R/NISE3900E-H310



NISE3600C

Original NISE3600 success model Intel® Core™ i socket-type fanless PC, support Microsoft Windows 7/10

- Support Intel® 6/7/8/9th Gen. Core™ i socket-type CPU
- 2 x DDR4 2400 SO-DIMM socket, support 32GB max.
- Support both internal 2.5" HDD and M.2 storage
- External access mini-PCIe and M.2 slots
- 4 x USB 3.0, 2 x USB 2.0, 2 x LAN, 6 x COM,
- Single / Dual PCI / PCIe expansion slots
- Support 12V to 30V DC input

Front-access Industrial Fanless PC

Front-access Industrial Book PC integrates the widely-used industrial master Fieldbus communication PROFINET, PROFIBUS, DeviceNet, EtherNet/IP and EtherCAT in factory automation and PLC application.

New

NIFE 210-E11

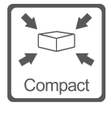
Front-access Industrial Grade Book-PC with Fieldbus Expansion

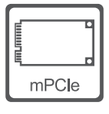
- On-board Intel® Celeron® Processor J6413
- 1 x DDR4 SO-DIMM 2666 MHz, up to 32GB
- 2 x 2.5" SSD/HDD
- 1 x mPCIe (PCIe x1 / USB2.0 / SATA)
- 1 x mPCIe for FBI Module (PCIe x1 / USB2.0)
- 1 x M.2 B key 3042 (PCIe x1 / USB 3.0)
- •1 x PCIe x4 expansion
- Support optional embedded UPS module
- Comply with EN61010-1 + EN61010-2-201
- Family include: NIFE210-E01 (w/o PCIe expansion)

NIFE105

Palm-sized DIN rail PC with Fieldbus expansion

- On-board Intel® Atom® x5-E3930, 1.8G Hz with 4GB DDR3L and EMMC 16GB
- 1 x HDMI, 4 x USB 3.0, 2 x LAN, 2 x COM
- 2 x mini-PCIe sockets for storage / LTE / Wi-Fi / Fieldbus
- Support 24V DC input
- Family included: NIFE105 / NIFE105W

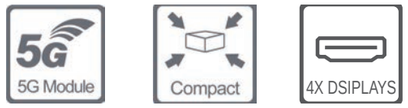




Smart Functional PC

Intel® Core™ empowering automation PC with expandable slots for AOI, robotics, vision recognition and factory intelligent automation.

New



TT300-A0Q

AI Edge, Intel® Alder Lake-S/Raptor Lake-S Core™ i7/i5/i3 socket type fanless PC

- Support Intel® 12th/13th Gen. Core™
- i7/i5/i3 socket type processor
- 1 x DDR5 SO-DIMM 4800MHz, up to 32GB
- 2 x HDMI, 2 x DP
- 2 x RS232/422/485, 2 x RS232
- 1 x M.2 2280 Key-M (PCIe x4, SATA)
- 1 x M.2 2242/3042/3052 Key-B (PCIe, USB)
- 2 x 2.5” SSD support

New

5G

TT300-A2Q/A3Q

AI Edge, Intel® Core™ i Socket-type PCIe Slots

- Support Intel® 8/9th Gen. Core™ i socket-type CPU
- Support Intel® 12/13th Gen. Core™ i7/i5/i3 socket type processor
- 1 x DDR5 SO-DIMM 4800MHz, up to 32GB
- 2 x HDMI & 2 x DP
- 2 x RS232/422/485, 6 x RS232(4 x RS232 if-A3Q)
- 1 x M.2 M key 2280 (PCIe x 4, SATA)
- 1 x M.2 B key 2242/3042/3052 (PCIe x1 / USB 3.0 / USB2.0)
- 1 x PCIe x 16 (TT300-A3Q only)
- 2 x PCIe x 4

Cabinet Mount Fanless PC

IP65 heatsink designed and high-computing platform for harsh environment in renewable energy market.

CMC300-F22

Cabinet-mount fanless controller, SCADA and control server grade

- Support Intel® 8/9th Gen. Core™ i socket-type CPU
- Support 2 x External 2.5” SSD trays
- 1 x DVI-D, 2 x LAN, 2 x USB 2.0, 2 x USB 3.0, 1 x COM
- Built-in control cabinet: Thermal dissipation direct to air environment with IP65 protection
- Support 2 x PCIe x4 slots
- Industrial EMC Certification (EN 61000-6-2 / EN 61000-6-4)
- Support power 24 V DC input
- Family include: CMC300-F23 / CMC300-F03 (slim type without expansion slot)

Panel PC Series

A full line of HMIs (Human Machine Interface) with IP66 certified LCD front panel in sizes from 8” to 21”.
The ideal choice for demanding HMI applications including factory, marine and building/home automation.

New

IPPC1611-C11

15.6” TFT HD 16:9 / P-Cap Touch Industrial Panel-mount PC

- 10th Gen. Intel® Core™ i & Celeron processor (Comet Lake-S)
- Resolution: 1366 x 768
- 10 points P-Cap touch with zero bezel flush panel design
- 2 x DDR4 2933MHz DRAM, up to 64GB (non-ECC)
- 1 x M.2 2242 Key B (PCIex1 / USB 2.0 / SATA)
- 1 x PCIe x4 slot, 1 x isolated RS232/422/485 + 1 x RS232
- Power input w/ 24VDC

IPPC2411-C11

23.8” TFT FHD 16:9 / P-Cap Touch Industrial Panel-mount PC ed

- 10th Gen. Intel® Core™ i & Celeron processor (Comet Lake-S)
- Resolution: 1920 x 1080
- 10 points P-Cap touch with zero bezel flush panel design
- 2 x DDR4 2933MHz DRAM, up to 64GB (non-ECC)
- 1 x M.2 2242 Key B (PCIe x1/ USB 2.0/ SATA)
- 1 x PCIe x 4 slot, 1 x isolated RS232/422/485 + 1 x RS232
- Power input w/ 24VDC

New

New

APPC1560-A11

15” TFT XGA 4:3 / 5 wires RTP Panel-mount PC

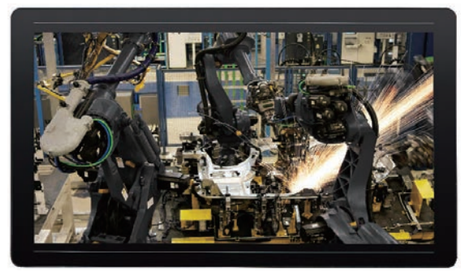
- Intel® Celeron N97 processor (Alder Lake N)
- Resolution: 1024 x 768
- Supports DDR5 4800MHz DRAM, up to 16GB (non-ECC)
- Dual Intel® 2.5GbE LAN ports
- Support 2nd display via 1 x DP 1.4 & 1 x USB-C
- 1 x PCIe x1 slot
- Power input w/ 24VDC
- Support 24V DC input

IPPC2460-A11

23.8” TFT FHD 16:9 / P-Cap Touch Industrial Panel-mount PC

- Intel® Celeron N97 processor (Alder Lake N)
- Resolution: 1920 x 1080
- Supports DDR5 4800MHz DRAM, up to 16GB (non-ECC)
- Dual Intel® 2.5GbE LAN ports
- Support 2nd display via 1 x DP 1.4 & 1 x USB-C
- 1 x PCIe x1 slot, 2 x RS232/422/485 ports
- Power input w/ 24VDC

New



Transportation Computer

All-in-one Panel PC acts as a useful tool for passenger information applications. A ruggedized design improves durability to fit into indoor and outdoor environments.

TPPC 2201

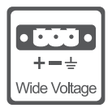
e-Mark 16:9 21.5” fanless panel computer

- On-board Intel® Atom® x5-E3930, 1.3G Hz with 8GB DDR3L
- Compliant with IP54 on the front panel
- Support 2.5” SATA SSD and M.2 storage
- Support ignition control
- 1 x HDMI, 4 x USB 3.0, 2 x LAN, 1 x COM
- 1 x mini-PCIe expansion for Telematic
- Certified in-vehicle standard: E/e-Mark
- Support 9 to 36V DC input
- Family include: 21.5 (TPPC2201) / 23.8 (TPPC2401) / 27” (TPPC2701) / 31.5” (TPPC3201)

TPPC 2902

e-Mark 28.8” 1920x600 bar-type fanless panel computer

- Intel® Atom® x5-E3930, 1.3G Hz with 8GB DDR3L
- Compliant with IP54 on the front panel
- Support 2.5” SATA SSD and M.2 storage
- Support ignition control
- 1 x HDMI, 4 x USB 3.0, 2 x LAN, 1 x COM
- 1 x mini-PCIe expansion for Telematic
- Certified in-vehicle standard: E/e-Mark
- Support 9 to 36V DC input



Marine Computer

Provides robust and reliable marine computers including high performance fanless computers, various sizes of applied panel PCs and displays. All marine solutions are built and tested according to critical industrial standards to ensure compliance.

PPC-080T-BT-01

Maritime certified, slim and ruggedized panel PC

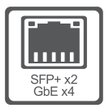
- On-board Intel® Atom® E3845, 1.91G Hz with 4GB DDR3L
- 16:9 8” WVGA marine PC
- Support 2.5” SATA SSD and M.2 storage
- Auto dimming function
- IP65 compliant front panel
- Mounting support: flush / VESA 75mm x 75mm
- IEC 60945 maritime standards compliance
- Support 24V DC power input

CE-CL

Marine certified, fanless box PC

- Support Intel® 8/9th Gen. Core™ i socket-type CPU
- Dual channel DDR4 support, support 64GB max.
- 3 x DP display output
- 2 x Gb SFP+ and 4 x GbE LAN
- 4 x USB 3.0, 1 x COM
- M.2 SATA/NVMe storage supported
- IEC 60945 maritime standards compliance
- Support TPM 2.0
- Built in 24V DC isolated power module or 115-230V AC power module

New



L1
Factory & Motion Automation Product

Industry 4.0 CPS-ready Controller

This three-in-one controller combines the PLC, IPC, and smart gateway for cloud services connection. It integrates SoftPLC, AOI, IoT Studio, dashboard, OPC UA and cloud connectivity, such as MQTT, RESTful API & OPC UA Server. This controller provides one-stop seamless connection and compatibility with world-renowned SCADA, MES, and ERP systems. It also supports industrial Ethernet and Field bus protocols, including EtherCAT, PROFINET, EtherNet/IP, PROFIBUS, and DeviceNet that can be connected to other PLCs and Remote I/O.

CODESYS SoftMotion/SoftPLC

Web HMI

CODESYS

CODESYS is the leading manufacturer IEC 61131-3 automation software for engineering control systems

- IEC 61131-3 multiple programming grammars that reduces learning time
- Fast cycle time : 50μs
- Max. number of tasks: 100 (Cyclic, Event…)
- Support industry Fieldbus protocols: PROFINET, EtherNet/IP, EtherCAT and Modbus TCP
- OPC UA Server
- Multi-axis Motion Control
- Supports 255-axis motion control and does not require additional hardware configuration
- PLC Handler (Share memory API)
- SoftPLC / SoftMotion / CNC 3 types of license

JMobile

The complete HMI software Control and Visualization Anywhere at Anytime

- Remote Monitor, Control, and Maintenance Functionality
- Software functions : Alarm management, Recipe, Trend, Database, Audit Log, Permission, Support HTML 5 and JavaScript
- Support for all industrial communication protocols, up to 4 simultaneous
- Rich set of symbols, widgets and advanced functions (e-mail, RSS, PDF Reporting Scheduler, HTML5 Browser)
- Maximum of tags : 10,000 (Support SQL)

NexAIoT Programmable Automation Controller

3-in-1 I4.0 Ready Controller

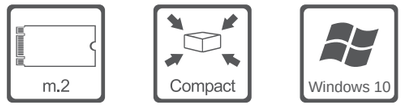
nPAC integrates the computing function of PC, the control function of PLC and the communication function of Gateway to become a PC-based controller with comprehensive and powerful functions.

New

nPAC2000-E01

Compact IoT Controller

- Onboard Intel Atom x6212RE Processor, 1.20 GHz
- 1 x HDMI (Resolution : 1920 x 1080, Isolation)
- 2 x Intel® I210-IT GbE LAN ports
- 2 x USB 3.0 ports
- 1 x RS485/RS422(Isolation)
- Support -15°C~60°C operating temperature



nPAC2000-E01GW

VIC-Flow IoT Gateway

- Remote management based on Web Service
- Support industrial protocols Modbus TCP/RTU and OPC UA for Client/server
- Support IT Service for REST API and TCP/IP
- Support SECS/GEM E5 / E30 /E37 for SVID, ECID, RPTID, CEID, Alarm, RCMD, PPID and Limits Monitoring
- VIC-Flow, Dashboard and Python

nPAC2000-E01CDS

PAC CODESYS Controller

- Onboard Intel Atom x6212RE Processor, 1.20 GHz
- Powerful Control Computing Solutions
- Standard for CODESYS SoftPLC
- Users can upgrade to Softmotion or the other version
- Rich and scalable I/O

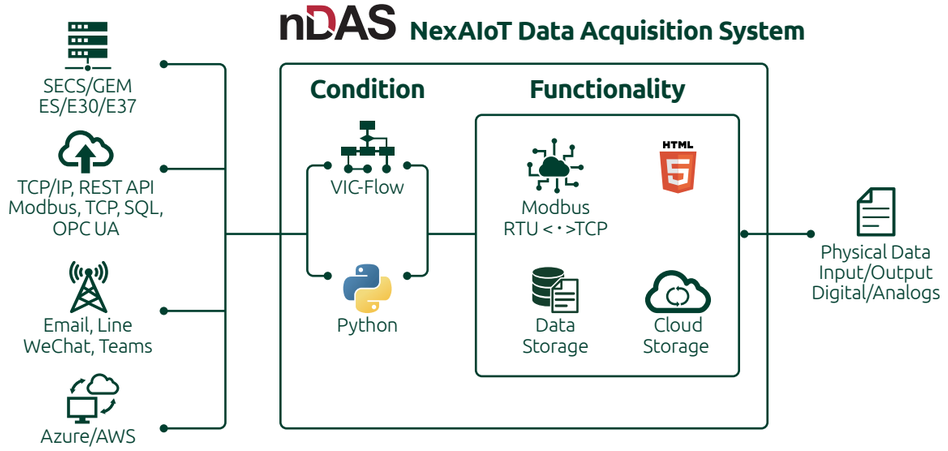
NexAIoT Data Acquisition System

nDAS6000 Smart I/O Series

nDAS is designed to meet for the new generation IoT smart control device. It can be adapted into various of remote monitoring applications, such as green energy, building automation, smart home & smart agriculture. With built-in VIC-Flow and Python's function black, nDAS can perform an ideal smart IoT DAS without engineering efforts.

New

nDAS6000 Gateway | nDAS6017 8 CH AI | nDAS6015 4AI/8AI & 8DO | nDAS6050 8 CH DI & DO | nDAS6051 16CH DI | nDAS6056 16 CH DO | nDAS6030 Serial | nDAS6000 OLED | nDAS6000 WIFI



L2
M2M,
IoT Connectivity Gateway

Comprehensive Factory Equipment Network Solution

iAT2000 provides a complete solution for various devices and controllers in the factory, it connects to:

- Industrial field bus gateway with real-time PLC requirements.
- World-renowned CNC controllers, including CNC gateways of FOCAS, OPC UA, EZSocket, and LSV2.
- Famous industrial robot controllers, including KUKA, ABB, FAUNC, and YASKAWA robot gateways.
- Non-intrusive gateways that cannot provide protocols by converting images to digital communication including page -turning mechanism.

NexUA

NexAIoT OPC UA Server

- Web-based IoT utility
- Multi-user authentication by Windows logon and certification
- Endpoint protocol types: UA TCP & HTTPS
- Support max 500 client connections
- Flexible Node configurator

IoT Studio

Integrated application of OT / IT, IoT Studio & Dashboard, One Click to Cloud, support Modbus, OPCUA and more than 50 different PlC Drivers

- Web-based IoT utility
- IoT Studio: Drag-and-drop UI for IoT / Field Device / Data Source preprocessing & Data-Patch Define with Node.js
- Dashboard: Visualization for IoT Studio
- One click to Edge / Cloud
- Integrated application of OT / IT / IoT

New

nHMI-07L

Collect and convert field device data to IoT Edge and Cloud with HMI visualization

- 7" TFT, 800 x 480, Resistive Touch, ARM 9(400MHz)
- Visualize Ready toolkits
- Rich set of HMI features
- Rich symbol library and project templates
- Support for 300+ more industrial protocols
- On-line and off-line simulation

nHMI-10M

- 10" TFT, 800 x 480, Resistive Touch, ARM Cortex-A8 (1GHz)
- Visualize Ready toolkits
- Rich set of HMI features
- Rich symbol library and project templates
- Support for 300+ more industrial protocols
- On-line and off-line simulation

New

New

CPS 50-N01

Arm-based slim and high C/P value IoT Gateway

- NXP i.MX8M Plus Cortex-A53 Quad Core
- Onboard 2GB LPDDR4 4.0GT/s, 32GB eMMC
- 1 x mPCIe (PCIe x1 / USB 2.0)
- 1 x M.2 E Key 2230 (USB 2.0 / SDIO / UART)
- 1 x M.2 B Key 3042/3052 (USB 3.0)
- Support optional multi-I/O add-on card
- Power input 9 to 30 VDC

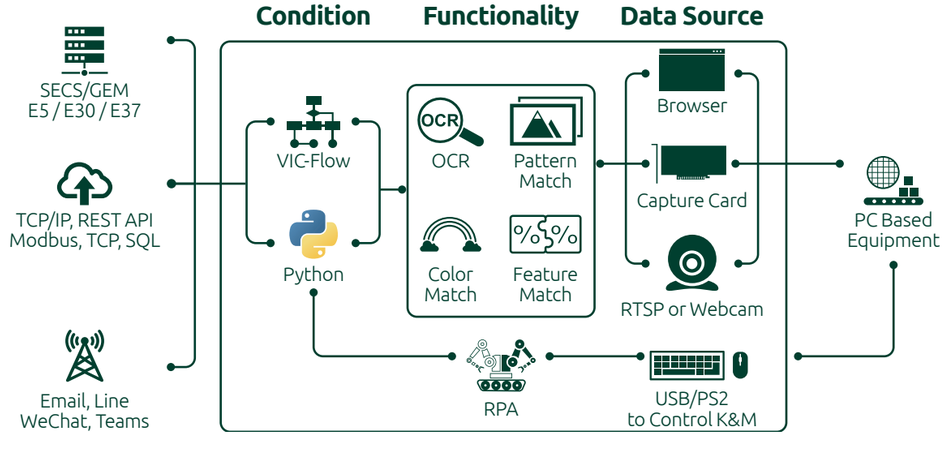
NexAIoT Vision Intelligence Controller and RPA Solutions

VIC7000, the Industrial RPA

VIC7000 is a Vision Intelligence Collector and RPA, employs a safe and non-intrusive method to extract data from PC-based equipment / real-object via display-signals / Webcam in the most efficient way, especially without affecting in-operation equipment. As the real-time data acquisition kicks off, production data will be acquired. After obtaining the data, conditional judgments can be made through VIC-Flow, and the actions of Soft-Robot can be given to RPA

VIC-Flow

Family include: VIC7001 / VIC7200W / VIC7200W-Webcam / VIC7310 / VIC7500TMP



L3
Edge Computing

One Click to Could Access Eliminates the Need to Rebuild Data for Engineers

- The Planning dashboard from the automation side can be presented directly to the cloud platform.
- Supported cloud platforms include Microsoft Azure, Amazon AWS, Google Cloud, and SAP Cloud (through SAP Edge Service).

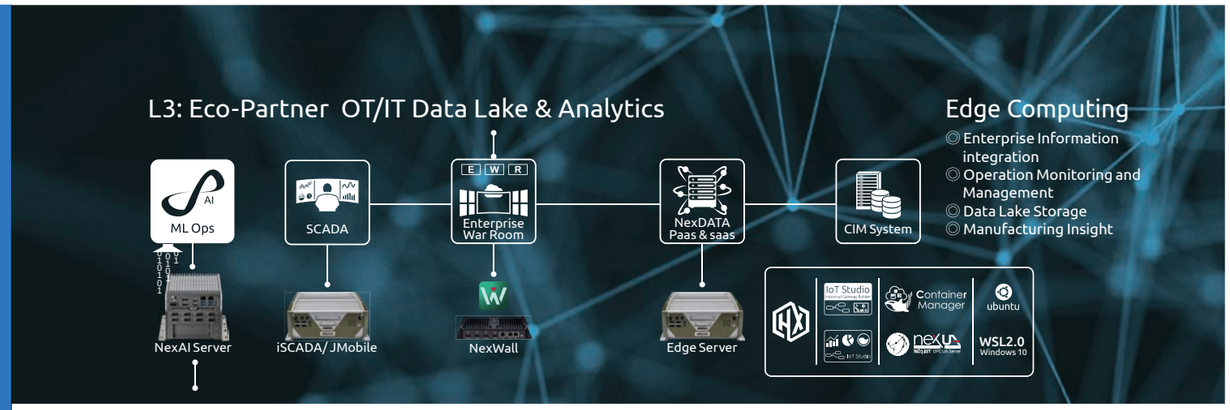
Built-in IoT Studio the visualized and edge intelligent container platform for Cloud Services

- Provide process structure and drag-and-drop programming interfac.
- Built-in diversified information dashboard widgets selection.
- Support PLC field bus communication and cloud communication protocols.
- Offer the Docker manager for cloud App.

HiveX

HiveX

- IoT Studio, IoT Studio Dashboard, Container Management
- Web-based IoT utility (Yacto)
- IoT Studio: Drag-and-drop UI for IoT / Field Device / Data Source preprocessing & Data-Patch Define with Node.js
- Dashboard: Visualization for IoT Studio
- Container Management: Container management software by portainer



New

NISE3910R-Edge

Fanless Edge Server with one-click-deploy to any Cloud (HiveX included)

- Support Intel® 12th / 13th LGA1700 socket type CPU
- 2 x DDR5 SO-DIMM, support up to 64GB
- 4 x 2.5GbE LAN, support WoL, Teaming, and PXE
- TPM 2.0 default onboard
- HiveX pre-installed, including
  - IoT Studio, drag-and-drop UI for data flow configuration
  - IoT Studio Dashboard builder
  - Container Management
  - NexUA (OPC UA Server)
  - One-click-deploy to Cloud - Azure, AWS, Alibaba, Google, SAP, Mindsphere

New

NISE3910R-SAP

Bundled with SAP Edge Server on-premise edition

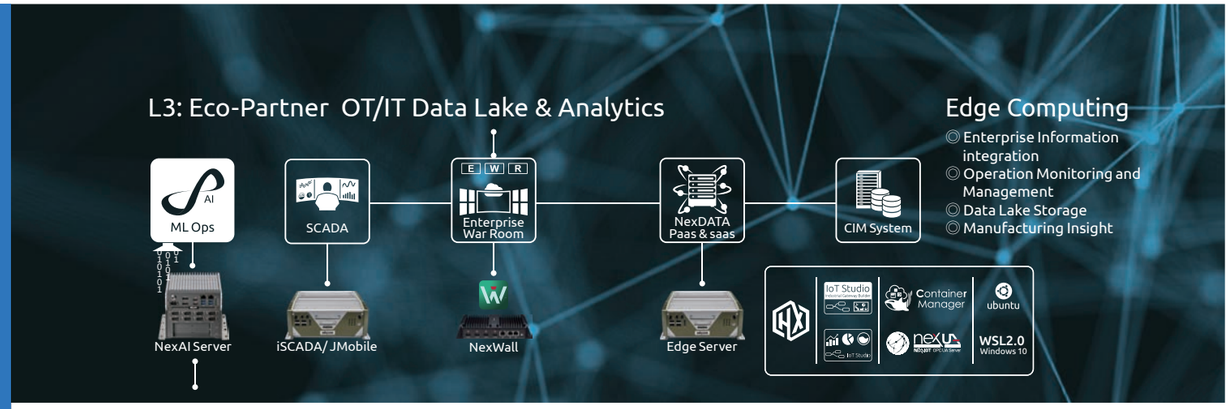
- Support Intel® 12th/ 13th LGA1700 socket type CPU
- 2 x DDR5 SO-DIMM, support up to 64GB
- 4 x 2.5GbE LAN, support WoL, Teaming, and PXE
- TPM 2.0 default onboard
- SAP Edge Server on-premise edition pre-installed
  - Essential Business Functions Service
  - Streaming Services
  - Persistence Service
  - Predictive Analytics
  - SAP SQL Anywhere database
  - HiveX pre-installed
- IoT Studio, drag-and-drop UI for data flow configuration
- IoT Studio Dashboard builder
- Container Management
- NexUA (OPC UA Server)
- One-click-deploy to Cloud – SAP S/4 HANA

L3
Cloud-native PaaS and SaaS Solution

NexDATA is an enterprise on-premises data and application platform solution which serves as middleware in I4.0 smart factories to decouple manufacturing system hardware and software.
It provides enterprises with a safe, reliable, efficient and flexible resource scheduling data center to aggregate various heterogeneous data sources and create data assets.
In response to various business needs, rapidly develop data services to provide real-time insight, decision-worthy information, and visualized applications. Support enterprises in digital intelligence-oriented management and achieve the digital transformation.

NexDATA Enterprise On-premises PaaS and SaaS Solution

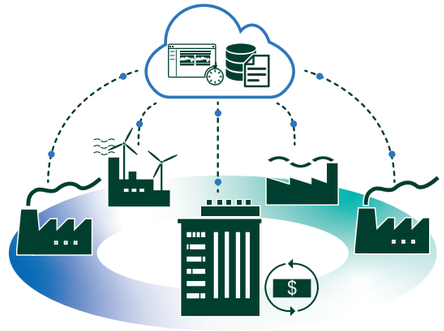
- NexDATA On-premises main station (recommend Dell server and VMWare software)
- Cloud-native PaaS infrastructure
- Micro-service architecture
- API management
- Data management
- Real-time streaming ETL solution
- Analytics engine
- Continuous delivery (DevOps)
- Containerized environment
- Container orchestration
- Infrastructure automation
- Monitoring system & alert service
- Manufacturing Traceability System



NexDATA Manufacturing Traceaility System

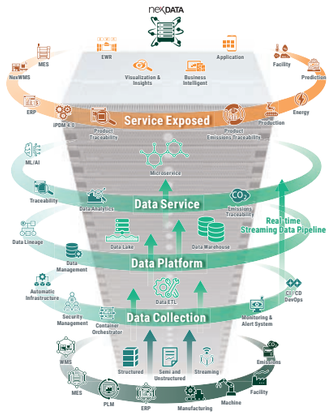
NexDATA Manufacturing Traceability System is a SaaS product developed according to the Internal Traceability defined in ISO 9001:2015 Clause 8.5.2 Internal Traceability. The purpose of Internal Traceability is to provide traceability of parts and products within a limited specific scope of an enterprise or factory.

- Digital traceability system
- Fully customizable and expandable (an "easily customizable" data collection system is capable of processing, editing and transmitting captured data from different sources)
- Data driven application, all processes are registered and get timestamp
- Real-time digital and transparent process, status and movement are clearly visible in the system, enabling product traceability
- Good foundation for statistical analysis, planning and control



NexDATA On-Premises Rack System Server Specification(HA) System

- Server x3
- CPU: Intel® Xeon Gold 6346 3.1G, 16C/32T
- A:256GB
- Storage:
  - 800GB SSD SAS ISE x 2, 2.4TB 10K RPM SAS x4
  - 240GB M.2 x 2
- Network:
  - 1Gb RJ45 port x 4, 10Gb SFP+ port x4
  - RAID: Dell HBA355, BOSS-S2
- Software:
  - VMWare vSphere 7 standard x 3
  - VMWare vCenter Server Foundation x 1
  - VMWare vSAN 7 standard x 3
  - Switch x 1
  - Netgear XSM4316S



L4
AI Server, AIGE Series

The full name of AIGE is AI Edge series, and there are two categories in AIGE.

The first is the AIGE 101/102 Series, which is equipped with the NIVIDIA Jetson Nano/ Jetson Xavier NX module. It is a small and powerful computer that can execute multiple neural networks at the same time and is suitable for image classification, object detection, segmentation and speech processing. Not only is it an easy-to-use platform, it only needs 5 watts to operate. This is a very ideal solution that can quickly produce artificial intelligence product prototypes and accelerate the time to market.

The second type is TT300 / AIGE 304 Series. It supports high-speed computing processors of Intel® Core™ i series CPU. TT300 supports 6/7/8/9th Gen., AIGE 304 also supports 8/9th Gen., coupled with a rich of I/O and Slot options, users can add any peripherals according totheir own preferences, such as graphics cards, GPU cards, etc., and have a more affordable choice when making artificial intelligence products.

Coeus-3600 Jetson Xavier NX Series

Performance Features:

- High-performance NVIDIA Jetson Xavier NX core
- Supports multiple AI frameworks including TensorFlow, Caffe, and PaddlePaddle
- Compatible with various AI tools such as TensorRT and DeepStream SDK
- Supports 5G, 4G, and Wi-Fi
- Fanless and rugged design, supports wide temperature range of -10 to 55°C, wide voltage input range of DC 9-30V
- Rich I/O interfaces, supports wall-mounting and rail installation
- Optional up to 8-channel POE interfaces.

Coeus-3800 Jetson Orin NX Series

Performance Features:

- Powerful 100TOPS computing power with NVIDIA Jetson ORIN NX core
- Supports multiple AI frameworks including TensorFlow, Caffe, and PaddlePaddle
- Compatible with various AI tools such as TensorRT and DeepStream SDK
- Supports 5G, 4G, and Wi-Fi
- Fanless and rugged design, supports wide temperature range of 10 to 55°C, wide voltage input range of DC 9-30V
- Rich I/O interfaces, supports wall-mounting and rail installation.

AI Workstation: TT300 (DC input)

Fanless AI Edge, Intel® 6/7/8/9th Gen. Core™, 35W

- Support Intel® 6/7/8/9th Gen. Core™ i socket-type CPU
- Optional NVIDIA GeForce GTX 16 series graphics card (optional fan kit)
- 4 x USB 3.0, 2 x LAN, 6 x COM
- Support 16GB DDR4 max.
- 1 x M.2 2280 (M key), 1 x M.2 3042 (B key)
- 1 x PCIe x16 and 2 x PCIe x4 (signal PCIe x1) slots
- Support 12 to 24V DC input

AI Workstation: AIGE304 (AC input)

CP-value AI Edge, Intel® 8/9th Gen. Core™, 65W

- Support Intel® 8/9th Gen. Core™ i socket-type CPU
- Optional NVIDIA GeForce GTX 16 series graphics card
- 2 x USB 3.0, 6 x USB 2.0, 2 x LAN, 4 x COM
- Support 32GB DDR4 (16GB x 2) max.
- 1 x M.2 2280 (M key)
- 1 x PCIe x16, 1 x PCIe x1, 2 x PCIe x4 slots
- Built-in ATX 420W, 100 to 240 Vac power supply

新漢智能系統股份有限公司

企業總部(台北)
235 台灣新北市中和區中正路922號13樓
Tel: +886-2-8226-7786
Fax: +886-2-8226-7926
Email: contact@nexaiot.com
www.nexaiot.com

中區分部(台中)
406 台灣台中市北屯區崇德路二段250號16樓
Tel: +886-4-2249-1179
Fax: +886-4-2249-1172
Email: contact@nexaiot.com
www.nexaiot.com

Global Services

Asia

NexAIoT Headquater Taiwan
13F, No. 922, Zhongzheng Rd.,
Zhonghe Dist., New Taipei City,
235, Taiwan
Tel: +886-2-8226-7786
Fax: +886-2-8226-7926
Email: contact@nexaiot.com
www.nexaiot.com

NexCOBOT Taiwan
Motion & Robot Control
13F, No. 916, Zhongzheng Rd.,
Zhonghe Dist., New Taipei City,
235, Taiwan
Tel: +886-2-8226-7786
Fax: +886-2-8226-7926
Email: sales@nexcobot.com
www.nexcobot.com

Japan

NEXCOM Japan
9F, Tamachi Hara Bldg.,
4-11-5, Shiba Minato-ku,
Tokyo, 108-0014, Japan
Tel: +81-3-5419-7830
Fax: +81-3-5419-7832
Email: sales@nexcom-jp.com
www.nexcom-jp.com

China

NexAIoT Beijing
Floor 2, Gemotech Building,
No. 1, Development Rd.,
Changping International
Information Industry Base,
Changping District,
Beijing,102206, China
Tel: +86-10-8072-2025
Fax: +86-10-8072-2022
Email: sales@nexgemo.cn
www.nexgemo.com

NexAIoT Shanghai
Industry 4.0 and Industrial Computer
Room 406-407, Building C,
No. 154, Lane 953,
Jianchuan Road, Minhang District,
Shanghai, 201108, China
Tel: +86-21-5278-5868
Fax: +86-21-3251-6358
Email: sales@nexcom.cn
www.nexaiot.com.cn.index

NexAIoT Chongqing
Automation equipment project and industrial computer
1st Floor, Building B4, Electronic 2nd area,
Phoenix Lake Industrial Park, Yongchuan Dist.
Chongqing City, 402160, China
Tel: +86-23-4960-9080
Email: sales@nexgol.com.cn
www.nexgol.com

America

NEXCOM USA
46665 Fremont Blvd.,
Fremont, CA 94538, USA
Tel: +1-510-656-2248
Fax: +1-510-656-2158
English: sales@nexcom.com
Spanish: ventas@nexcom.com
www.nexcomusa.com

NexAIoT Website

NexAIoT Linkedin

602CAT1004X00