

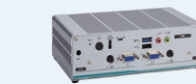
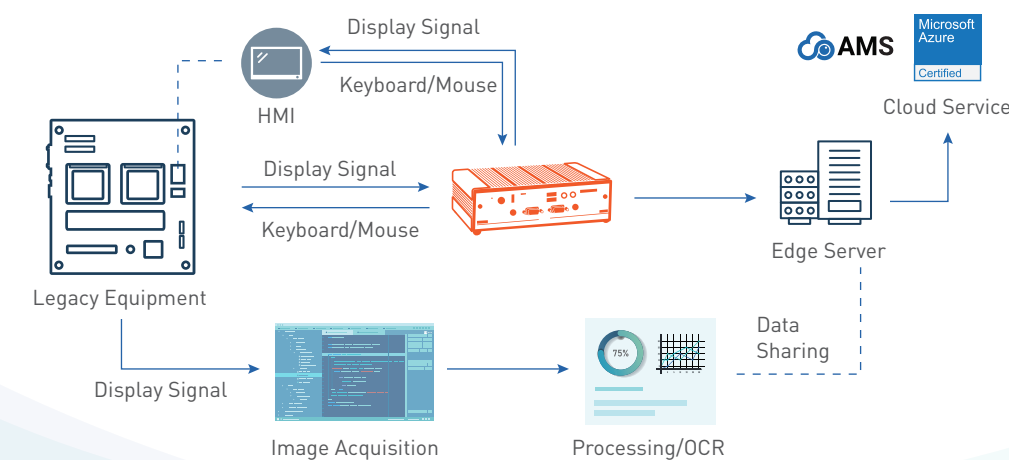
Industrial IoT Solutions

The advent of "smart" embedded computer technology and IoT gateway devices has made the Internet of Things (IoT) possible for collecting and distributing various information throughout everywhere.

Axiomtek offers comprehensive industrial computing solutions that are not only well suited for automated system operation control but are also designed to facilitate a diverse range of industrial IoT applications, whether it is to collect sensor data, transport data and images to control centers through the cloud for monitoring and analysis, or to enable connectivity with other mobile devices to share data.

Our Advantages:

- Flexible CPU options
- Low power consumption
- Fanless designs
- User-friendly mechanisms
- Extensive expansion capabilities
- Wide operating temperature ranges
- Scalable storage interfaces
- Fast time to market



IP810-853-FL

Non-intrusive Data Extractor

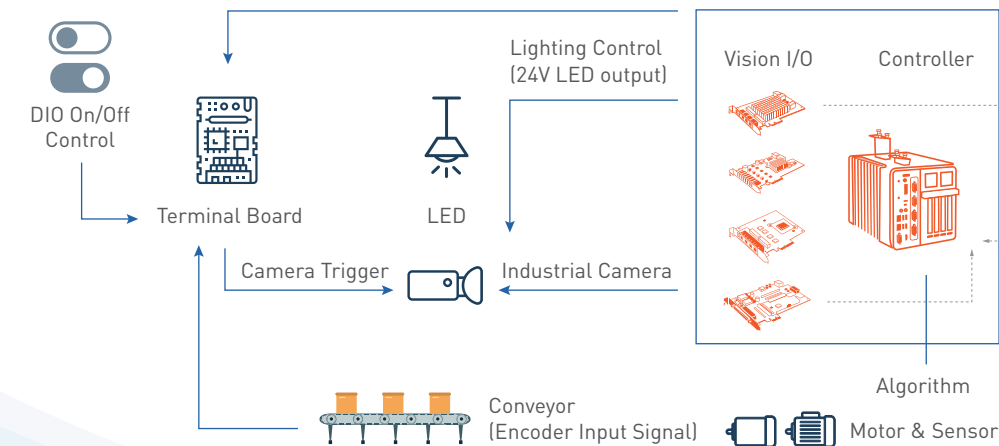
- Intel® Celeron® N3160 processor
- Built-in frame grabber utilizes OCR
- Unifies legacy equipment protocols
- AX-RCS supported; no additional program installation required
- -20 °C to +60°C operating temperature range



AX92351

Digital I/O PCI Express Card with Digital Filter

- 16-ch or 32-ch isolated digital input
- 16-ch or 32-ch isolated digital output (with output status read back)
- Interrupt capability (smart interrupt)
- Digital filter function
- Supports board ID



IPS960-511-PoE

Machine Vision System

- 7th/6th gen Intel® Core™ i7/i5/i3 or Celeron® processor
- Integrated real-time vision I/O
- Built-in camera interfaces
- 2 swappable 2.5" SATA drive bays HDD
- 24 VDC power input
- -10°C to +55°C operating temperature range



AX92320

GigE Vision Frame Grabber Card with PoE



AX92321

USB 3.0 PCI Express Card with 4 Independent Host Controllers



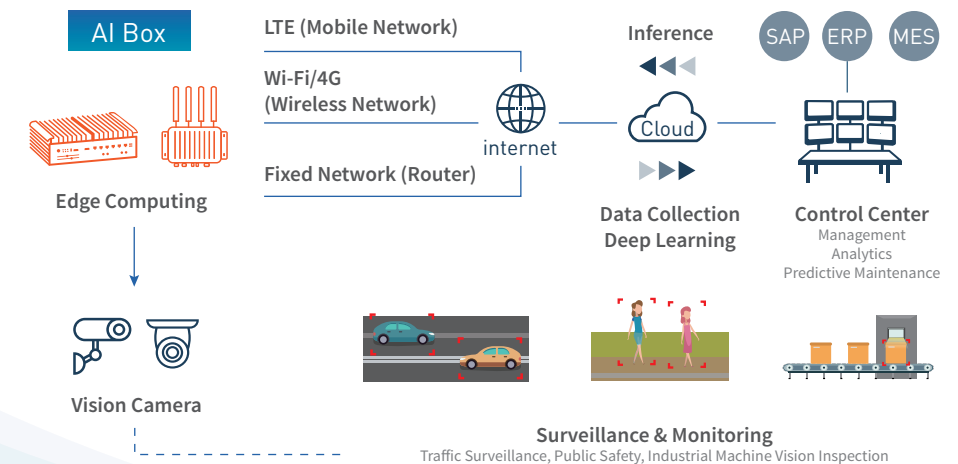
AX92322

GigE PCI Express Card



AX92350

Real-time Vision I/O Card (Camera Trigger, LED Output, DIO)



eBOX671-521-FL

GPU-based Fanless System

- 8th gen Intel® Core™ i7/i5/i3 & Celeron® processor (Coffee Lake-S)
- GPU-based system supports 4-CH PoE
- 2 swappable 2.5" SATA HDD drive bays with RAID 0 & 1
- MXM 3.1 type A graphics module supported (optional)
- DVI-I, HDMI, and DisplayPort with triple-view support
- AXView 3.0 intelligent remote monitoring software



eBOX800-900-FL

IP67-rated Fanless Outdoor Edge System

- NVIDIA® Jetson™ TX2
- NVIDIA® Pascal™, 256 CUDA cores GPU
- 1 IEEE 802.3at GigE PoE (30W)
- High AI computing performance for GPU-accelerated processing
- -30°C to +60°C operating temperature range
- 100 to 240 VAC power input with 10kV surge protection
- Highly rugged with M12 lockable I/Os





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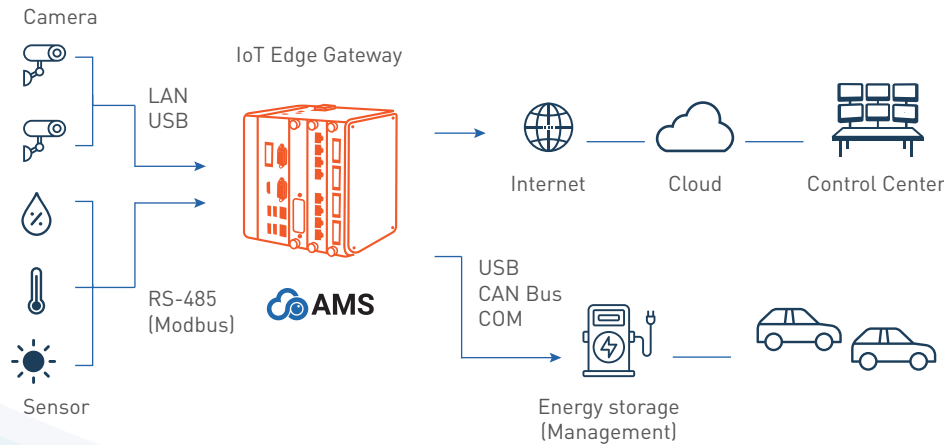
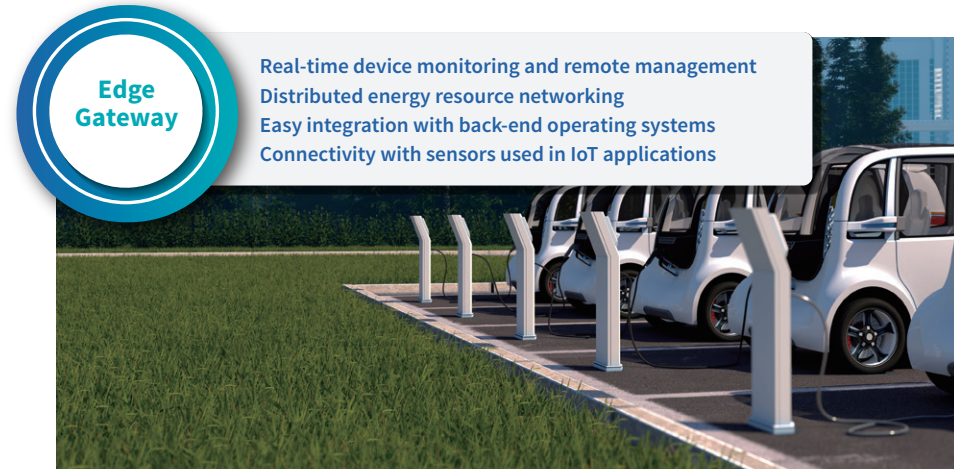
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IC0500-518

DIN-rail Embedded System with Modular Expansion

- EN 50121-4 certified (for railway)
- 7th gen Intel® Core™ i7/i5/i3 or Celeron® processor (Kaby Lake-U)
- 2 PIM slots for I/O extension (COM/CAN/LAN/DIO)
- 1 swappable 2.5" SATA drive tray
- -40°C to +70°C operating temperature range
- 12 to 48 VDC power input
- OVP, UVP, OCP, RPP power protection design



Agent200-FL-DC

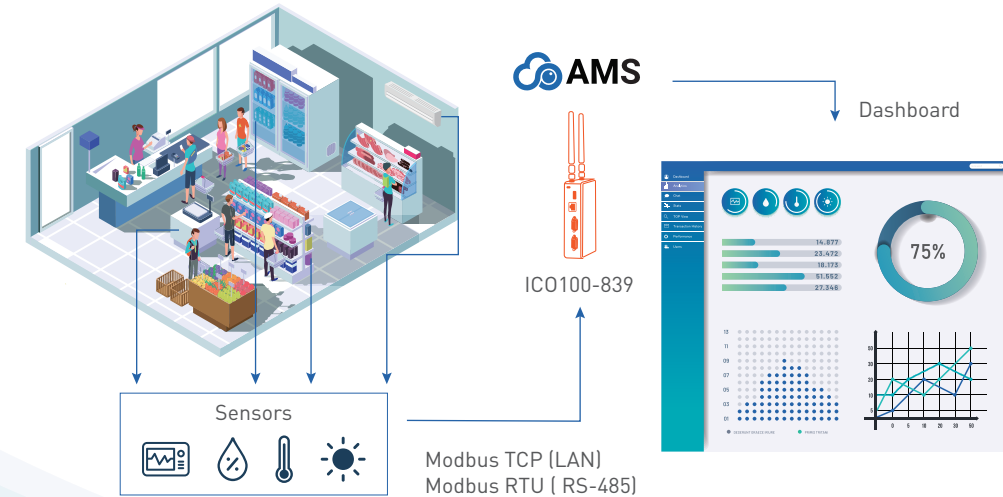
Robust RISC-based DIN-rail Embedded System

- i.MX 6UltraLite processor 528 MHz
- 256MB DDR3 SDRAM onboard
- 4GB eMMC flash onboard
- 2 PCI Express Mini Card slots (Wi-Fi/3G/4G/GPS)
- 4 digital inputs and 4 digital outputs
- 9 to 48 VDC terminal block power input
- -40°C to +70°C operating temperature range
- Fanless and compact design

Environmental Signal Monitoring

AMS Starter Kit for IoT Modbus Gateway Solution

The Agent MaaS Suite (AMS) starter kit for IoT Modbus gateway solution is a plug-and-play solution integrating a hardware platform and software services for IoT applications. The hardware platform, IC0100-839, is based on Intel® Celeron® Processor N3350 and runs with Linux OS, Yocto. The AMS is a web-based management suite with plug-in Modbus (RTU and TCP) protocol for helping users configure their settings and communication with Modbus devices quickly and conveniently.



Agent MaaS Suite (AMS)

Device Management- AMS.AXView

- Device configuration
- Protocol plug-in
- 24/7 self-monitoring
- Dashboard built-in
- Node-RED integrated

Remote Management - AMS.MaaS

- Multi-device management
- Remote monitoring
- Device Network View



IC0100-839

DIN-rail Cost-effective Cableless Embedded System

Intel® Celeron® processor N3350

- Extreme cost-effective
- Easy to do device/remote management (AMS)
- 8-bit programmable DIO
- -40°C to +70°C operating temperature range
- 12 to 24 VDC power input
- OVP, UVP, OCP, RPP power protection design



Industrial IoT Solutions

