



Heavy-Duty Industrial Solutions



FANLESS EMBEDDED SYSTEMS
FANLESS INDUSTRIAL SYSTEMS
INTELLIGENT MACHINE VISION SYSTEM
IIOT GATEWAY SYSTEMS
FANLESS TOUCH PANEL COMPUTERS

www.axiomtek.com



About **Axiomtek**

Innovations for the embedded world

For more than 28 years, Axiomtek has been one of the world's leading designers and manufacturers of high quality, purpose-built industrial computer solutions for a variety of targeted industries. Since its establishment, we have successfully gained worldwide recognition for our innovative designs and outstanding customer satisfaction. Our business philosophies focus on our customers, product quality and innovation. These key factors drive our product development, service delivery and the way we support our customers to achieve their successes.



Android



iOS

Axiomtek App

Download the Axiomtek App to carry our information in your smart phone!



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Heavy-Duty Embedded Solutions

Axiomtek's best-in-class industrial computer solutions are created to deliver true customer value with a balance of quality, performance, scalability, expandability and reliability. These purpose-built products are thoughtfully designed to help solve project challenges with their rich features and flexibility that support ease of integration and fast deployment.

Our comprehensive product lines offer the following key features:

- Flexible CPU options
- Fanless designs
- Extensive expansion capabilities
- Scalable storage interfaces
- Low power consumption
- Easy-to-use mechanisms
- Wide operating temperature ranges

Embedded OS Services

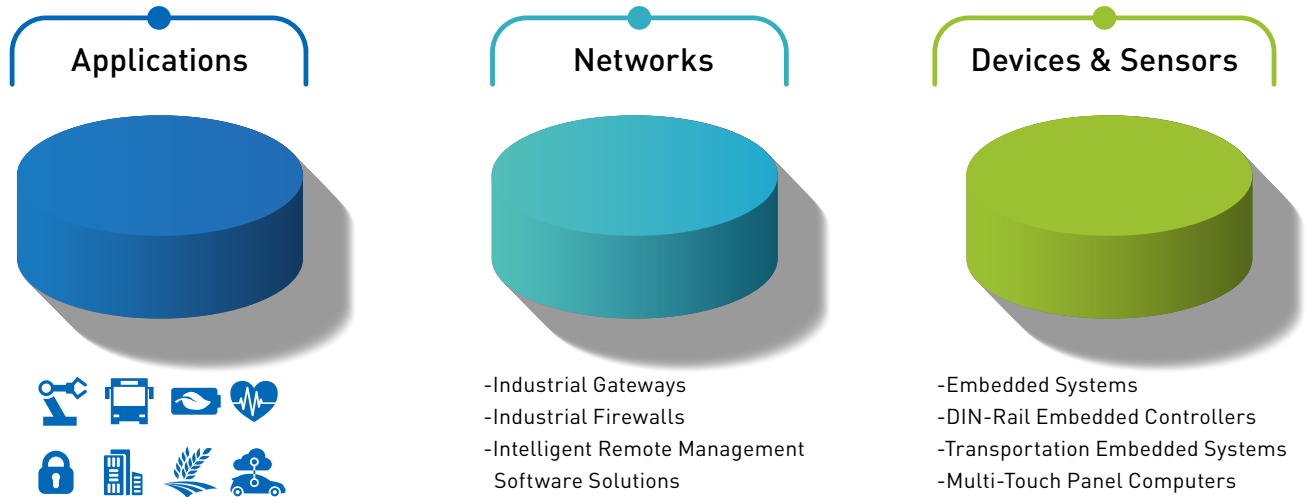
Axiomtek's Embedded OS services provide easy access and control for all platform device functions, and a user-friendly interface development.

Embedded OS includes:

- Windows® 10 IoT Enterprise/Core Pro
- Windows® 7 Pro for Embedded System
- Windows® CE 5.0/6.0
- Linux OS
- Windows® Embedded 8/8.1 Pro/Standard/Industry
- Windows® Embedded Standard 7
- Windows® Embedded Compact 7/Windows® Embedded Compact 2013
- Android

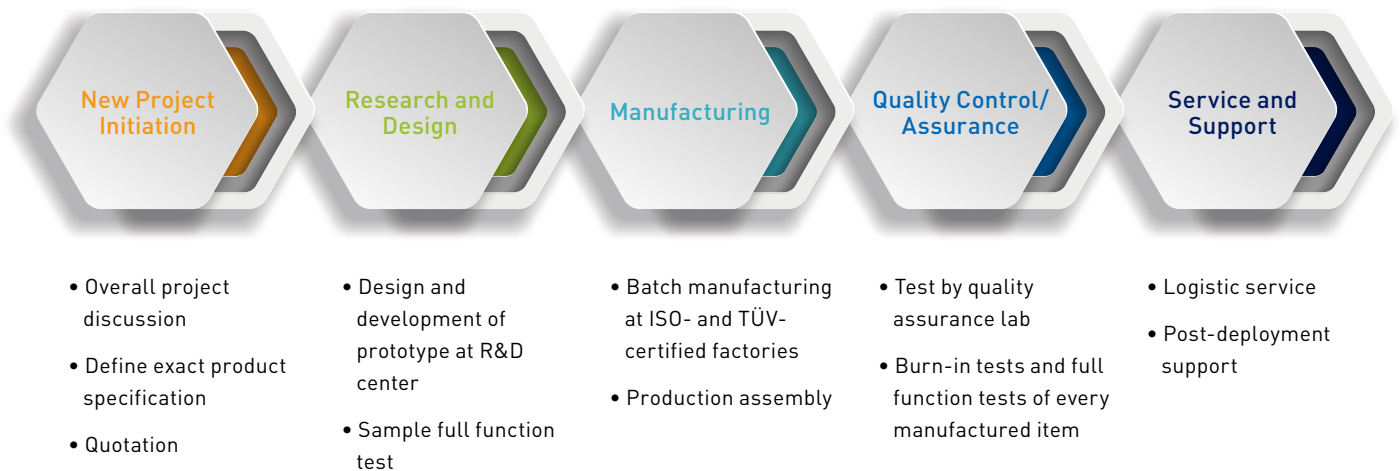


Comprehensive Industrial IoT Solutions



OEM/ODM Services

Axiomtek has a long-standing commitment to excellence. Our teams are committed to serving global systems integrators with flexible, tailor-made designs and manufacturing services crafted to assist OEMs/ODMs with their mission-critical projects. Our approach is to work as a part of their extended team to help them effectively achieve their project goals. Our expertise includes personalized design assistance and customization services. Axiomtek invests in our expert resources and have teams of experienced engineers consisting of R&D, design and application engineers with extensive hardware and software experiences readily at hand to help our customers achieve success and deploy their projects within tight deadlines.



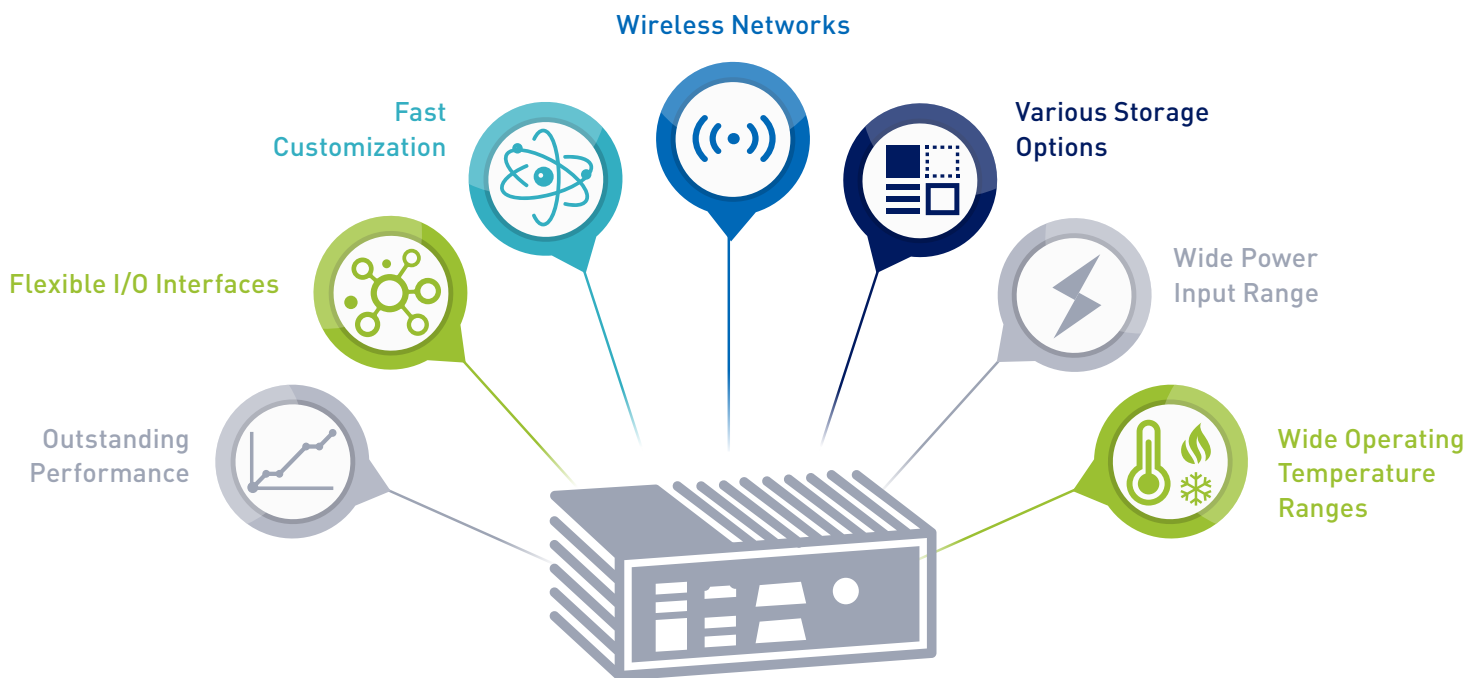
Fanless Embedded Systems eBOX

Axiomtek offers a full range of expandable, high performance and industry-specific embedded systems (eBOX). The eBOX products are designed to offer great versatility for a wide variety of applications. These feature-rich, industrial-grade embedded systems can be tailored to meet different application requirements. The eBOX offer standard features that include powerful computing capabilities, fanless operation, wide operating temperature ranges, low power consumption, superior reliability, flexible I/O configurations, long product life cycles, and long-term support.

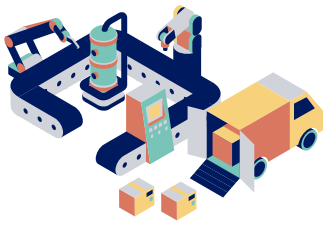
Product Positioning



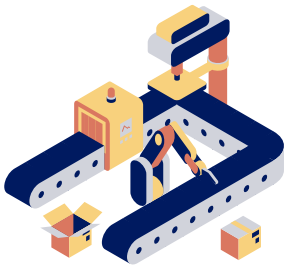
Features



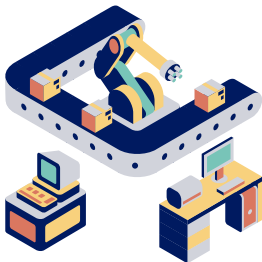
Manufacturing Solutions



- Material Management
- Incoming Quality Control
- ERP System



- AOI Inspection
- Production Monitoring
- Guiding and Counting
- Validation



- Robotic Arm Control
- Shipment Management
- MES



- Smart Inventory
- RFID Reader
- Shop Floor Tracking



eBOX800-511-FL

Rugged IP67-Rated Fanless Embedded System with Intel® Core™ i5-7300U or Celeron® 3965U

- IP67-rated edge computing for outdoor environments
- -30°C to +60°C wide operating temperature range
- Features M12 lockable I/Os
- Quick customization service for mission-critical projects
- 9V to 36V DC wide range power input

— Applications —

Outdoor IIoT Gateway, Edge Computing, Environmental Monitoring



eBOX560-900-FL



Fanless Embedded System with NVIDIA® JETSON™ TX2

- NVIDIA® JETSON™ TX2 with Pascal™, 256 CUDA cores GPU
- High AI computing performance for GPU-accelerated processing
- Ideal for intelligent edge applications
- Compact size with NVMe support
- Supports JetPack

— Applications —

Edge Computing, Deep Learning, Machine Vision, Vision Detection



eBOX700-891-FL

Fanless Embedded System with LGA1151 Socket 7th/6th Generation Intel® Core™ i7/i5/i3 or Celeron®

- -40°C to +50°C wide operating temperature range
- PCIe/PCI expansion slot
- Full-size PCI Express Mini Card slots for WLAN/WWAN/mSATA
- Internal USB Type A connector

— Applications —

EtherCAT Master Control, Smart Factory Control



eBOX627-312-FL

Fanless Embedded System with Intel® Celeron® N3350/N4200

- Flexible I/O window
- TPM 1.2 supported
- -20°C to +70°C wide operating temperature range
- AXView 3.0 intelligent remote management software for industrial IoT

— Applications —

Factory Automation, Warehouse Management, Logistic System

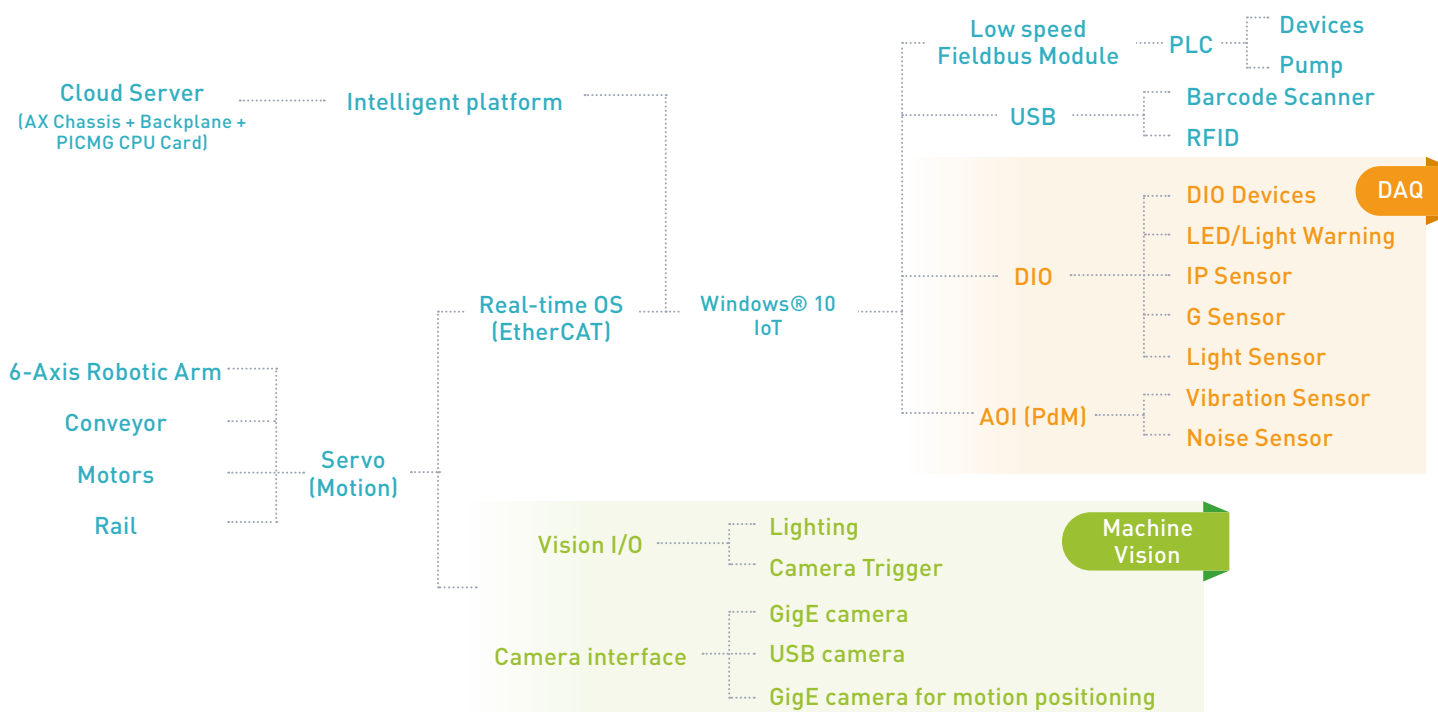
Fanless Industrial Systems IPC

Axiomtek has a full range of fanless, intelligent platforms that are suitable for different environments and applications. These industrial PCs offer powerful computing performance, scalability, high storage capacity, reliability and rugged design. Axiomtek IPC products are in compliance with the relevant EU legislation (CE Marking). They offer various interfaces and rich I/O options.

Features



Application Model



Fanless Industrial System with Modular Design

User-Friendly & Easy-Maintenance

Two swappable 2.5" HDD and RAID 0,1
Front I/O access design

High Performance and Fanless Design

7th/6th generation Intel® Core™ i7/i5/i3 or Celeron® processors for up to 35W (Kaby Lake/Skylake) with Intel® Q170

Flexible I/O Module

Four RS-232/422/485 module or two RS-232/422/485 with isolated protection module and 8-in/8-out isolated DIO

Great Connectivity

One PCI Express Mini Card slot
and two SMA-type antenna holes for 3G/4G/Wi-Fi/Bluetooth

IPC962-512-FL

Compact & Rugged

IP40-rated dust proof enclosure
Wide operating temperatures of -10°C to +60°C
24VDC power input (uMin=19V/uMax=30V)

Expansion Interface

Two easy-swappable slots:
One PCIe x16 + One PCIe x4
One PCIe x16 + One PCI
Two PCI

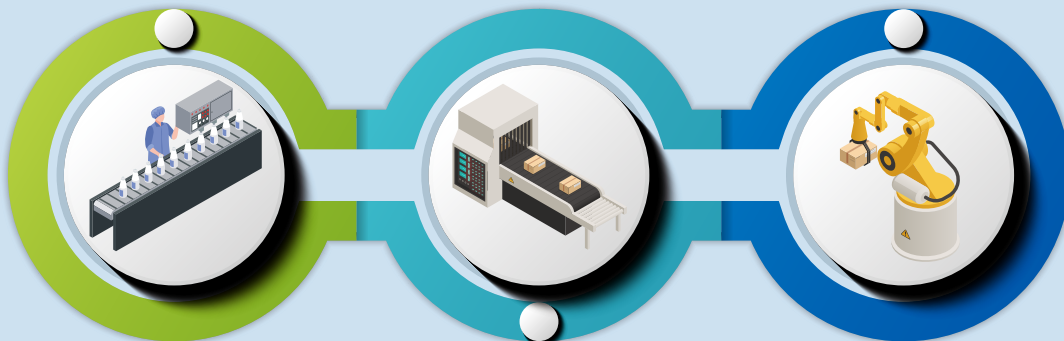
Applications

Smart Production

Advanced Manufacturing System
Autonomous Production Control
Business Application Integration

Smart Automation

Industrial Robots (EtherCAT)
Autonomous Production Control
Additive Manufacturing



Product Inspection

Automated Optical Inspection
Production Quality Management
Test Fixture/Jig/Gauge Control

Intelligent Machine Vision System IPS

The arrival of the industrial 4.0 era has improved the efficiency of production lines and enhanced levels of productivity through the use of computer automation technology. Consistent product quality can be achieved with much less waste. Automated Optical Inspection (AOI) systems have replaced the manual quality control method used in the past. It enables fast and accurate inspections of the products being assembled to ensure that the desired quality is achieved with no manufacturing defects. AOI, coupled with the new generation of wireless technology, has allowed the platform to capture larger amounts of data for analyses and convert them into valuable and actionable information for improvements.

Features



IPS960-511-PoE

Intelligent Platform System
with LGA1151 Socket 7th/6th
Generation Intel® Core™ i7/i5/
i3 or Celeron® Processor

Integrated real-time
vision I/O



Flexible design for
intelligent platform



Integrated LED lighting
controller in system



Supports multiple camera
interfaces in different
applications

Compact and front I/O design

Recommend Modules



AX92320

GigE Frame Grabber Card

- 4 GbE LANs
- PoE power with ATX 6-pin connector:
max. 120W (30W pre port)
- PoE power management software
- Supports LAN port smart on/off

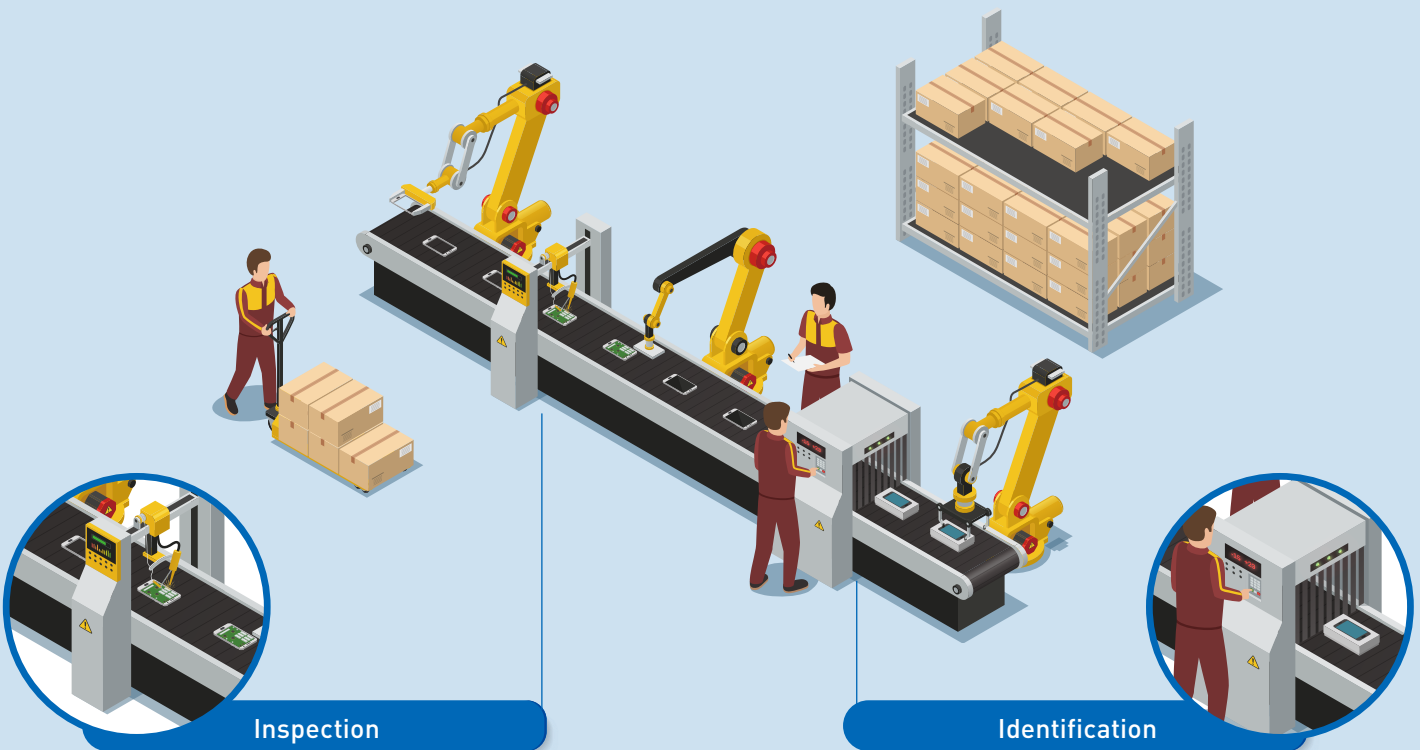
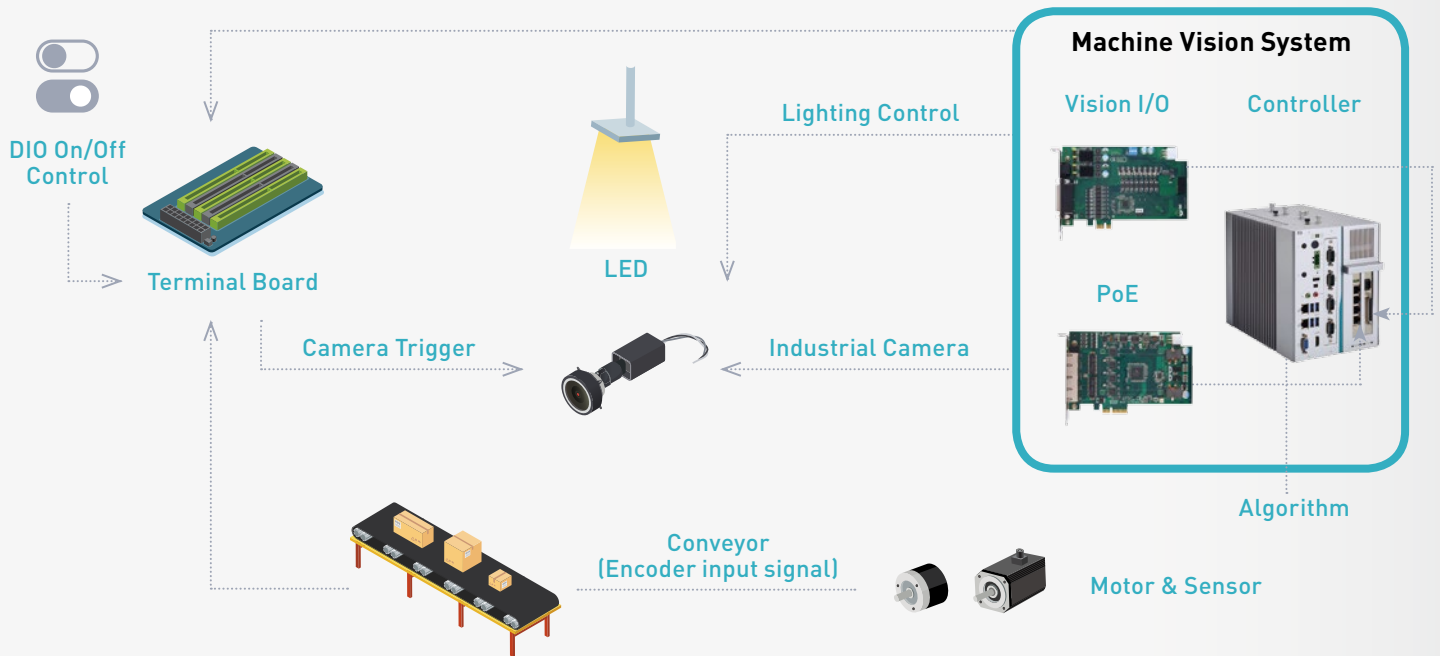


AX92350

Real-Time Vision I/O Card

- 4-CH isolated trigger input
- 8-CH isolated trigger output /
CH5 to 8 can choose LED lighting control
- 1-CH quadrature encoder input
- 8-CH isolated DI, 8-CH isolated DO

Applications



- High performance and reliable platform with vision features
- Integrated vision I/O functions
- Provide camera interfaces and real-time specific I/O
- Quick response DIO (LED control and camera trigger...)

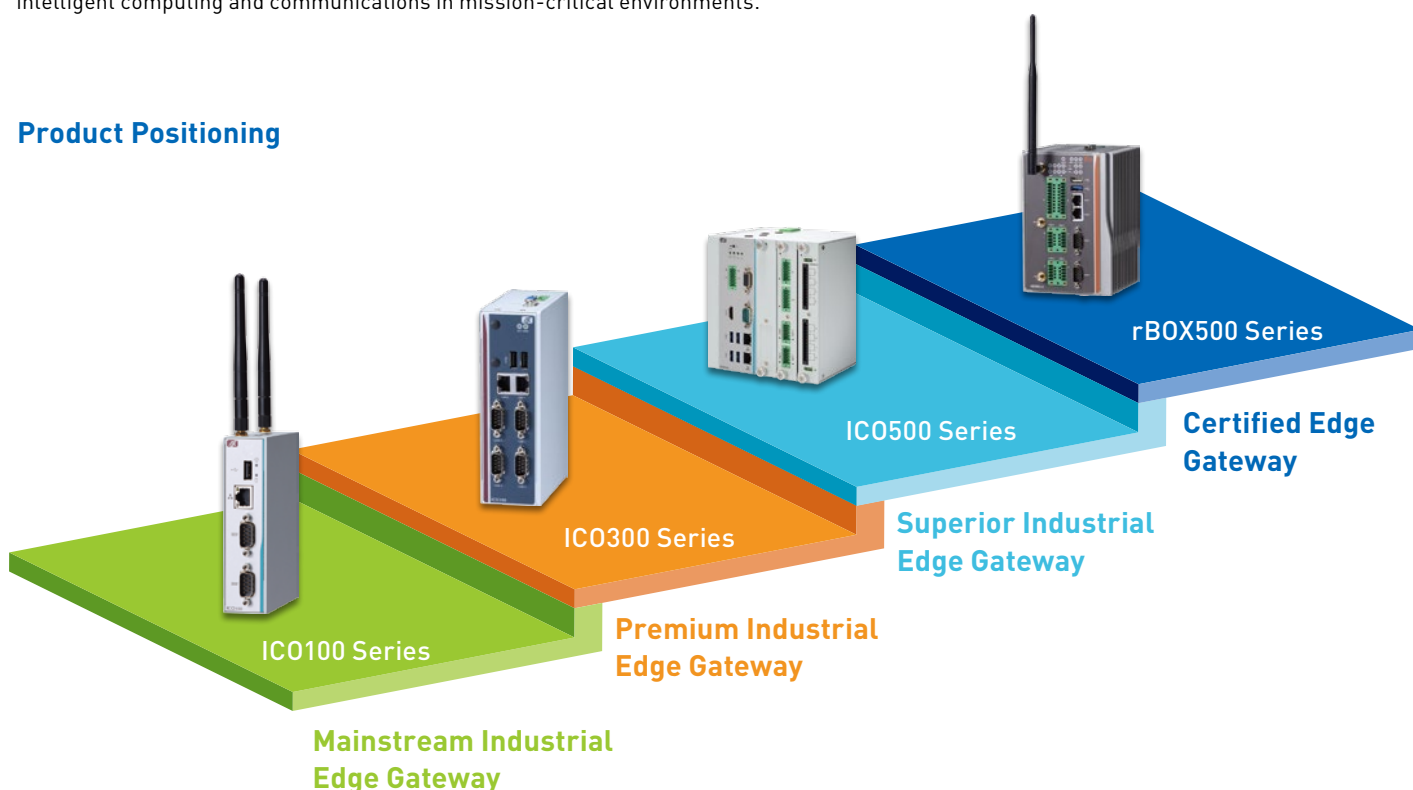
- Integrated vision and motion functions
- Common interfaces to integrate industrial cameras
- Encoder function for conveyor system
- Compact design, suitable for limited spaces

IIoT Gateway Systems rBOX/ICO

Smart IIoT gateways are valuable tools available in the Industry 4.0 era where data plays a key role in allowing businesses to gain competitive advantage over their competitors. It provides operational transparency and actionable reports in a much faster amount of time in order for a business to make proactive decisions for improvements or react much faster in response to an important situation. Smart gateway devices are used to collect data from sensors and transfer it to the clouds for further reporting and analysis. These gateways are the key stepping stones to many Industry 4.0 concepts including predictive maintenance, machine learning and M2M communications. Axiomtek offers a variety of gateway solutions featuring low power consumption, high performance and exceptional reliability. The intelligent rBOX/ICO gateway systems series are robust and offer rich expansion capability. Many models come with extended operating temperatures and flexible power input ranges.

Axiomtek's rBOX/ICO product line has passed heavy industrial Electro-Magnetic Susceptibility/Electro-Magnetic Interference (EMS/EMI) tests. It is also in compliance with multiple safety standards including ATEX and C1D2 certifications (anti explosive). They are suitable for intelligent computing and communications in mission-critical environments.

Product Positioning



Features

Stability & Reliability

- Fanless & Rugged
- Lockable I/O
- Isolated LAN
- Vibration Endurance
- Wide Temperature

Embedded Software Service

- Linux Development and Function-Checking
- AXView 3.0 Intelligent Remote Management and Monitoring Software
- Software Customization Service



Flexible Customization

- Short L/T
- Optimization

Strict Certifications

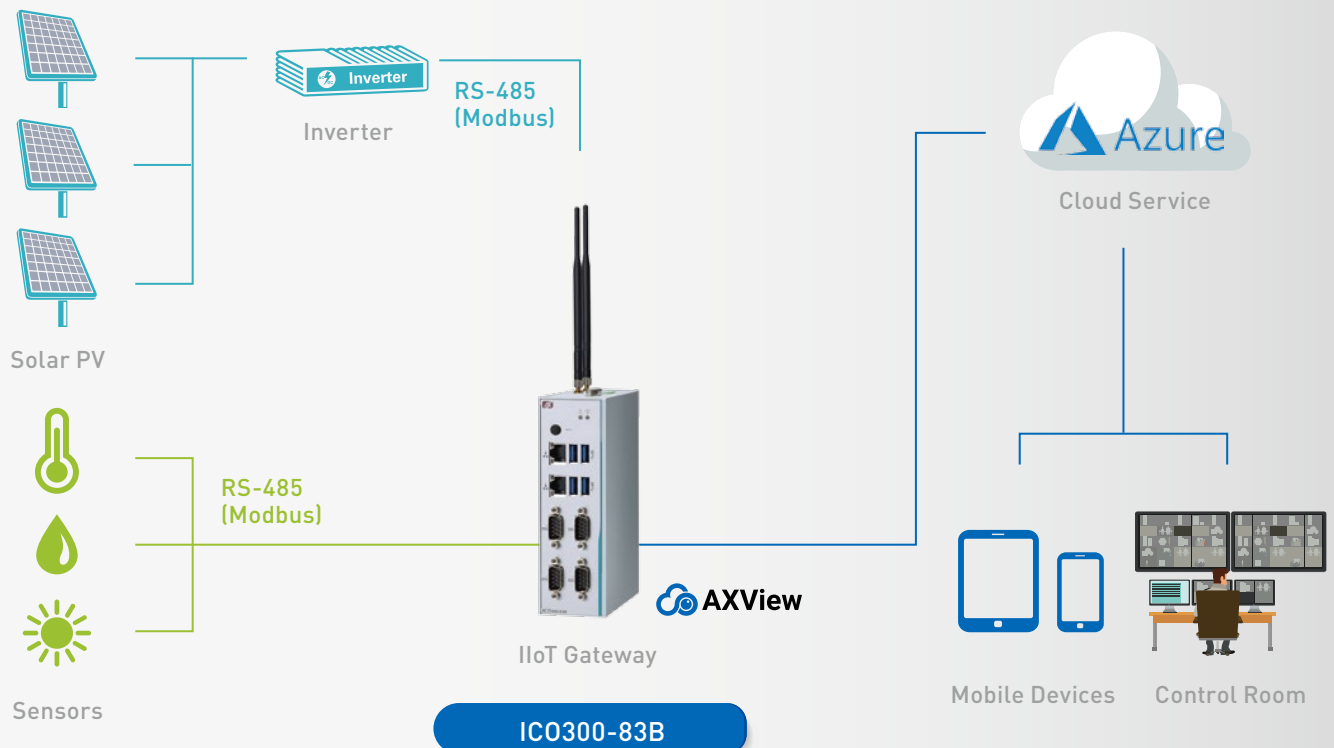
- CE, FCC
- ATEX, C1D2

Applications



Robust DIN-Rail Fanless Embedded System with Intel® Celeron® N3350

- Dual-core Intel® Apollo Lake SoC
 - 4-port PoE for up to 30W
- Selection for CANbus/serial port



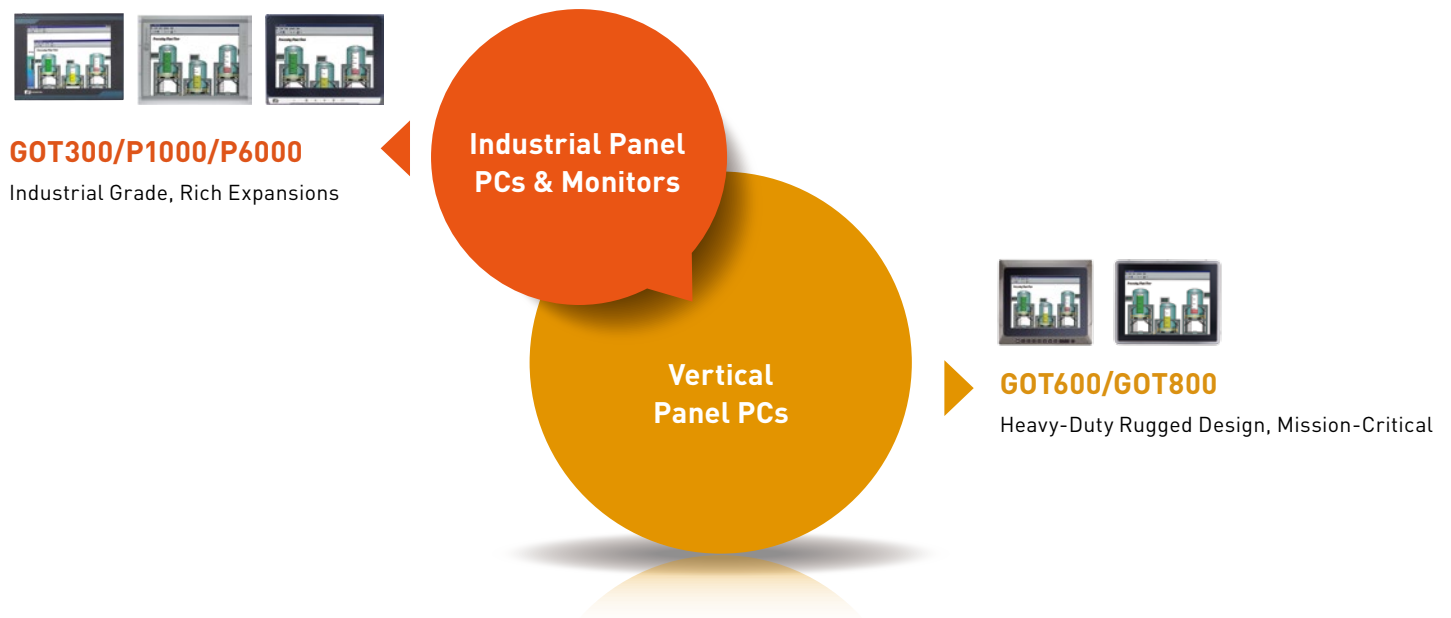
Robust DIN-rail Fanless Embedded System with Intel® Pentium® N4200/Celeron® N3350

- Dual-core/Quad-core Intel® Apollo Lake SoC
 - Isolated COM port for harsh environment
- Supports AXView 3.0 for remote management

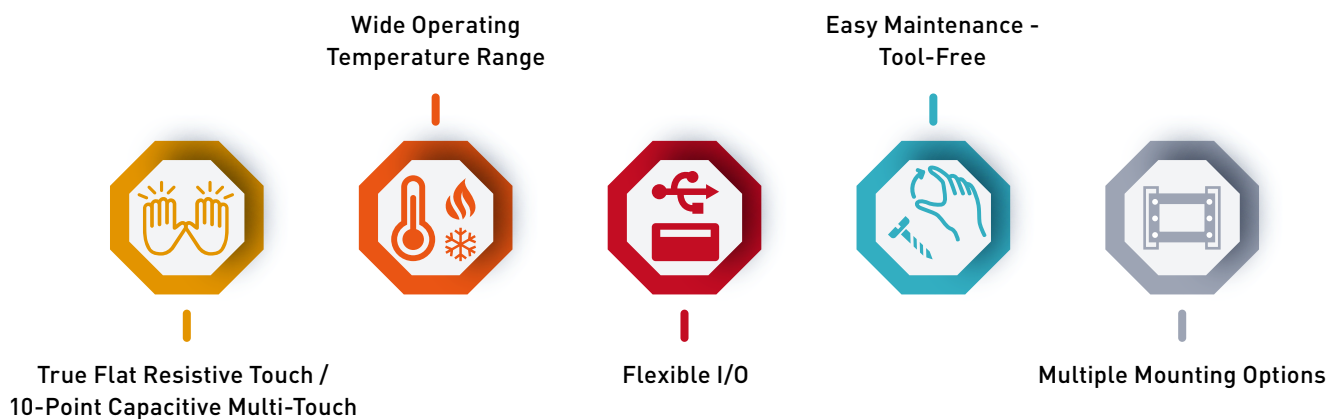
Heavy-Duty Fanless Touch Panel Computers

Axiomtek's heavy-duty fanless touch panel series has unique designs and features for operation in critical indoor or outdoor industrial environments, including patented anti-vibration designs, extended operating temperature ranges, high brightness, NEMA 4X certification and more. These high quality fanless touch panel computers are used as human machine interface (HMI) tools to help optimize operations in a variety of environments including factories, power plants, mass transport, fleet management, chained retail establishments, etc.

Product Positioning



Features



Applications

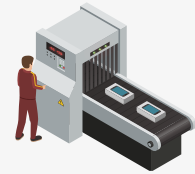


GOT321W-502

21.5" Expandable Multi-Touch Panel Computer with LGA1151 Socket 7th/6th Generation Intel® Core™ or Celeron®/Pentium®

Factory Automation

Factory automation is a process that involves manufacturing and assembling goods with the help of machines, integrated assembly lines and robotic arms.



GOT817L-511

17" Fanless PCT or Resistive Touch Panel Computer with Intel® Core™ i5-7300U 3.5 GHz

Food Processing Applications

Its IP66/IP69K-rated stainless steel housing protects it from being damaged by water, powder and dust. This robust unit is suited for extreme humidity, dusty or wet spaces in food factories or kitchens and more harsh environments.



GOT610-837

10.4" Fanless Touch Panel PC with Intel® Atom® E3845 1.91 GHz

The Forklift Monitor

The GOT600 series was developed for integration into forklifts to serve as mobile terminals to improve productivity and reduce errors to improve efficiencies all across the facility.



P1157E-500

15" Expandable Industrial Touch Panel Computer with LGA1151 Socket 7th/6th Generation Intel® Core™ or Celeron®/Pentium®

HMI (Human Machine Interface)

HMI is the part of the machine that handles the human-machine interaction. Membrane switches, rubber keypads and touchscreens are examples of the physical part of the HMI which we can see and touch.



Food Factory

- SUS316 stainless steel for preventing bacteria growth and rust accumulation
- IP66/IP69K-rated enclosure and IP66-rated M12-type connectors
- Wide operating temperature range of -20°C to 55°C

Recommended Model: GOT800 Series



Automated Optical Inspection (AOI)

- High performance CPUs
- PCI/PCIe expansion slot for frame grabber cards
- Easy installation and maintenance

Recommended Model: P1000 Series



Injection Molding Machine

- 18.5-inch widescreen portrait mode
- Multi-touch screen function with IP65-rated front bezel designs
- Anti-vibration designs

Recommended Model: GOT3187W

eBOX

New



New



New



New



Features\ Models	eBOX100-312-FL	eBOX565-312-FL	eBOX560-512-FL	eBOX560-900-FL
CPU Level	Intel® Celeron® N3350 2.4 GHz or Pentium® N4200 2.5 GHz	Intel® Celeron® N3350 2.4 GHz	Intel® Core™ i5-7300U 3.5 GHz or Celeron® 3965U 2.2 GHz	NVIDIA® JETSON™ TX2 SoM HMP Dual Denver 2/2 MB L2 + Quad ARM® A57/2 MB L2
System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1867 SO-DIMM, up to 8GB	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB	1 x 128-bit LPDDR4@1866 MHz, 8GB
Chipset	SoC integrated	SoC integrated	SoC integrated	SoC integrated
Serial	1 x RS-232	2 x RS-232/422/485	2 x RS-232/422/485	N/A
Display	2 x HDMI	2 x HDMI	2 x HDMI	1 x HDMI
Ethernet	2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)	1 x 10/100/1000 Mbps Ethernet (Intel® i211-AT) 1 x 10/100/1000 Mbps PoE, IEEE802.3af (Intel® i211-AT, 15.4W)	2 x 10/100/1000 Mbps Ethernet (Intel® i210-AT, Intel® i219-LM)	2 x 10/100/1000 Mbps Ethernet (NVIDIA® + Intel® i210-IT)
USB	2 x USB 3.0 4 x USB 2.0	4 x USB 3.0	4 x USB 3.0	1 x USB 2.0
Audio	N/A	N/A	N/A	N/A
PS/2	N/A	N/A	N/A	N/A
Expansion Interface	2 x full-size PCI Express Mini Card slot (USB + PCIe) 1 x SIM slot	1 x full-size PCI Express Mini Card slot (USB + PCIe)	1 x full-size PCI Express Mini Card slot (USB + PCIe)	1 x full-size PCI Express Mini Card slot (USB + PCIe) 1 x SIM slot
Storage	1 x 2.5" HDD drive bay	1 x 2.5" HDD drive bay 1 x mSATA (enabled in BIOS setting)	1 x 2.5" HDD drive bay 1 x mSATA (enabled in BIOS setting)	Onboard 32GB eMMC (via JETSON™ TX2) 1 x M.2 Key M 2280 with PCIe 2.0 x4 for NVMe SSD (optional)
Watchdog Timer	255 levels, 1 to 255sec.	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.	Embedded in NVIDIA® Jetson™ TX2
Power Supply	12V DC	12V DC	12V DC	12V DC
Operating Temperature	-5°C to +60°C (+23°F to +140°F) (with W.T. SSD/DRAM)	-20°C to +50°C (-4°F to +122°F) (with W.T. SSD/DRAM)	-10°C to +50°C (+14°F to +122°F) (with W.T. SSD/DRAM)	-30°C to +60°C (-22°F to +140°F)
Wall Mount	Yes	Yes	Yes	Yes
DIN-rail	Yes	Yes	Yes	Yes
Dimensions (W x D x H)	216 x 137.65 x 38 mm (8.5" x 5.41" x 1.49")	141.5 x 106 x 78.85 mm (5.57" x 4.17" x 3.10")	141.6 x 106 x 54.85 mm (5.57" x 4.17" x 2.15")	141.6 x 106 x 55 mm (5.57" x 4.17" x 2.17")
Weight (net/gross)	1.15 kg (2.53 lb)/1.5 kg (3.3 lb)	1.074 kg (1.76 lb)/1.67 kg (3.68 lb)	0.8 kg (1.76 lb)/1.67 kg (3.68 lb)	0.8 kg (1.76 lb)/1.5 kg (3.31 lb)
Certifications	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A
EOS Support	Win 10 IoT, Linux	Win 10 IoT, Linux	Win 10 IoT, Linux	Linux Ubuntu 16.04



eBOX560-500-FL	eBOX565-500-FL	eBOX625-853-FL	eBOX626-853-FL
Intel® Core™ i7-6600U 3.4 GHz/ i5-6300U 3.0 GHz or Celeron® 3955U 2.0 GHz	Intel® Core™ i5-6300U 2.4 GHz/ i3-6100U 2.3 GHz or Celeron® 3955U 2.0 GHz	Intel® Celeron® N3160 2.24 GHz	Intel® Celeron® N3160 2.24 GHz
1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
SoC integrated	SoC integrated	SoC integrated	SoC integrated
1 x RS-232/422/485 1 x RS-232	1 x RS-232/422/485 1 x RS-232	1 x RS-232/422/485 3 x RS-232	1 x RS-232/422/485 3 x RS-232
2 x HDMI	2 x HDMI	1 x VGA 1 x HDMI	1 x VGA 1 x HDMI
2 x 10/100/1000 Mbps Ethernet (Intel® i210-AT, Intel® i219-LM)	2 x 10/100/1000 Mbps Ethernet (Intel® i210-AT, Intel® i219-LM)	2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)	2 x 10/100/1000 Mbps Ethernet (Intel® i211AT)
4 x USB 3.0	4 x USB 3.0	3 x USB 3.0 1 x USB 2.0	3 x USB 3.0 1 x USB 2.0
N/A	N/A	Yes	Yes
N/A	N/A	N/A	N/A
1 x full-size PCI Express Mini Card slot (USB + PCIe)	1 x full-size PCI Express Mini Card slot (USB + PCIe)	2 x full-size PCI Express Mini Card slot (USB + PCIe) 1 x SIM slot	2 x full-size PCI Express Mini Card slot (USB + PCIe)
1 x 2.5" HDD drive bay 1 x mSATA (enabled in BIOS setting)	1 x 2.5" HDD drive bay 1 x mSATA (enabled in BIOS setting)	1 x 2.5" HDD drive bay 1 x mSATA (enabled in BIOS setting)	1 x 2.5" HDD drive bay 1 x mSATA (enabled in BIOS setting)
255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.
12V DC	9V to 36V DC	12V DC	9V to 36V DC
-10°C to +55°C (+14°F to +131°F) (with W.T. SSD/DRAM)	-10°C to +50°C (-4°F to +122°F) (with W.T. SSD/DRAM)	-20°C to +60°C (-4°F to +140°F) (with W.T. SSD/DRAM)	-20°C to +60°C (-4°F to +140°F) (with W.T. SSD/DRAM)
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
141.5 x 106 x 55 mm (5.57" x 4.17" x 2.17")	141.6 x 106 x 73 mm (5.57" x 4.17" x 2.87")	200 x 120 x 46 mm (7.87" x 4.72" x 1.81")	200 x 120 x 46 mm (7.87" x 4.72" x 1.81")
0.8 kg (1.76 lb)/1.67 kg (3.68 lb)	1.074 kg (1.76 lb)/1.67 kg (3.68 lb)	1.2 kg (2.65 lb)/1.9 kg (4.19 lb)	1.2kg (2.65 lb)/1.9 kg (4.19 lb)
CE	CE	CE	CE
Win 10 IoT, WE8S, WES7	Win 10 IoT, WES7, Linux	Win 10 IoT, Linux	Win 10 IoT, Linux

* All specifications and photos are subject to change without notice.

eBOX

New



New



New



Coming soon



Features\ Models	eBOX625-312-FL	eBOX627-312-FL	eBOX640-500-FL	eBOX671-521-FL
CPU Level	Intel® Celeron® N3350 2.4 GHz or Pentium® N4200 2.5 GHz	Intel® Celeron® N3350 2.4 GHz or Pentium® N4200 2.5 GHz	LGA1151 7th/6th Generation Intel® Core™ i7/i5/i3 or Celeron®	LGA1151 8th Generation Intel® Core™ i7/i5/i3 or Celeron®
System Memory	1 x 204-pin DDR3L-1866 SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1866 SO-DIMM, up to 8GB	2 x 288-pin DDR4-2133 SO-DIMM, up to 32GB	2 x 260-pin DDR4-2666 SO-DIMM, up to 32GB (ECC Memory by C246 option)
Chipset	SoC integrated	SoC integrated	Intel® H110	Intel® Q370 or C246 (optional)
Serial	2 x RS-232/422/485 1 x RS-232	2 x RS-232/422/485 2 x RS-232	1 x RS-232/422/485 3 x RS-232	2 x RS-232/422/485
Display	1 x VGA 1 x HDMI (lockable)	1 x HDMI (lockable)	1 x DisplayPort 1 x HDMI 1 x VGA	1 x DisplayPort 2 x DisplayPort via MXM 1 x DVI-I 1 x HDMI
Ethernet	2 x 10/100/1000 Mbps Ethernet (Intel® i211-IT)	2 x 10/100/1000 Mbps Ethernet (Intel® i211-IT)	2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM, Intel® i211-AT)	2 x 10/100/1000 Mbps Ethernet 4 x 10/100/1000 Mbps PoE (60 W) (5 x Intel® i210-IT, 1 x Intel® i219-LM)
USB	4 x USB 3.0 2 x USB 2.0	4 x USB 3.0 2 x USB 2.0	4 x USB 3.0 2 x USB 2.0	4 x USB 3.1 (Gen 2) 2 x USB 3.1 (Gen 1)
Audio	Yes	N/A	Yes	Optional
PS/2	N/A	N/A	N/A	N/A
Expansion Interface	2 x full-size PCI Express Mini Card slot (USB + PCIe) 1 x SIM slot	2 x full-size PCI Express Mini Card slot (USB + PCIe) 1 x SIM slot	1 x full-size PCI Express Mini Card slot (USB + PCIe) 1 x SIM slot	1 x full-size PCI Express Mini Card slot (USB + PCIe) 1 x full-size PCI Express Mini Card slot (USB + PCIe + mSATA) 2 x SIM slot
Storage	1 x 2.5" HDD drive bay 1 x mSATA (enabled in BIOS setting)	1 x 2.5" HDD drive bay 1 x mSATA (enabled in BIOS setting)	2 x 2.5" HDD drive bay 1 x mSATA (enabled in BIOS setting)	2 x 2.5" HDD drive bay 1 x mSATA (enabled in BIOS setting)
Watchdog Timer	255 levels, 1 to 255 sec. and 1 sec. or 1 min./step	255 levels, 1 to 255 sec. and 1 sec. or 1 min./step	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.
Power Supply	12V DC	9V to 36V DC	10V to 30V DC	24V DC
Operating Temperature	-20°C to +70°C [-4°F to +158°F] (with W.T. SSD/DRAM)	-20°C to +70°C [-4°F to +158°F] (with W.T. SSD/DRAM)	-10°C to +55°C [+14°F to +131°F] (with W.T. SSD/DRAM)	-20°C to +60°C [-4°F to +140°F] (with W.T. SSD/DRAM)
Wall Mount	Yes	Yes	Yes	Yes
DIN-rail	Yes	Yes	Yes	Yes
Dimensions (W x D x H)	200 x 120 x 46 mm (7.87" x 4.72" x 1.81")	200 x 120 x 65 mm (7.87" x 4.72" x 2.55")	182 x 235.7 x 82 mm (7.16" x 9.27" x 3.23")	280 x 210 x 79.5 mm (11.02" x 8.26" x 3.13")
Weight (net/gross)	1.1 kg (2.43 lb)/1.8 kg (3.97 lb)	1.38 kg (3.04 lb)/2.08 kg (4.59 lb)	3 kg (6.61 lb)/3.6 kg (7.94 lb)	3.8 kg (8.37 lb)/4.6 kg (10.14 lb)
Certifications	CE, FCC Class A	CE, FCC Class A	CE	CE, FCC Class A
EOS Support	Win 10 IoT, Linux, AXView 3.0	Win 10 IoT, Linux, AXView 3.0	Win 10 IoT, WES7, Linux	Win 10 IoT, Linux, AXView 3.0



eBOX670-891-FL	eBOX700-891-FL	eBOX800-511-FL	eBOX800-841-FL
LGA1151 7th/6th Generation Intel® Core™ i7/i5/i3 or Celeron®	LGA1151 7th/6th Generation Intel® Core™ i7/i5/i3 or Celeron®	Intel® Core™ i5-7300U or Celeron® 3965U onboard	Intel® Atom® E3845 1.91 GHz
2 x 260-pin DDR4-2133 SO-DIMM, up to 32GB	2 x 260-pin DDR4-2133 SO-DIMM, up to 32GB	1 x 204-pin DDR4-2133 SO-DIMM, up to 16GB	1 x 204-pin DDR3L-1066/1333 SO-DIMM, up to 8GB
Intel® Q170	Intel® H110	SoC integrated	SoC integrated
4 x RS-232/422/485	2 x RS-232/422/485	2 x RS-232/422/485, M12 type	2 x RS-232/422/485, M12 type
2 x HDMI 1 x DisplayPort	2 x HDMI 1 x DisplayPort	1 x VGA, M12 type	1 x VGA, M12 type
4 x 10/100/1000 Mbps Ethernet (3 x Intel® i210-IT, 1 x Intel® i219-LM)	4 x 10/100/1000 Mbps Ethernet (3 x Intel® i210-IT, 1 x Intel® i219-LM)	1 x 10/100/1000 Mbps Ethernet (Intel® i219-LM), M12 type	2 x 10/100/1000 Mbps Ethernet (Intel® i210-IT), M12 type
6 x USB 3.0 2 x USB 2.0	4 x USB 3.0 2 x USB 2.0	2 x USB 2.0, M12 type	2 x USB 2.0, M12 type
Yes	Yes	N/A	N/A
N/A	N/A	N/A	N/A
2 x full-size PCI Express Mini Card slot (USB + PCIe) 1 x SIM slot	2 x full-size PCI Express Mini Card slot (USB + PCIe) 1 x PCIe x4 or 1 x PCI 1 x SIM slot	1 x full-size PCI Express Mini Card slot (USB + PCIe) 1 x half-size PCI Express Mini Card slot (USB + PCIe)	1 x full-size PCI Express Mini Card slot (USB + PCIe) 1 x half-size PCI Express Mini Card slot (USB + PCIe)
2 x 2.5" HDD drive bay 1 x CFast™ 1 x mSATA (enabled in BIOS setting)	1 x 2.5" HDD drive bay 1 x mSATA (enabled in BIOS setting)	1 x 2.5" HDD drive bay 1 x mSATA (enabled in BIOS setting)	1 x 2.5" HDD drive bay 1 x CFast™ 1 x mSATA (enabled in BIOS setting)
255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.
9V to 36V DC	9V to 36V DC	9V to 36V DC, M12 type	9V to 36V DC, M12 type
-40°C to +60°C (-40°F to +140°F) (with W.T. SSD/DRAM)	-40°C to +50°C (-40°F to +122° F) (with W.T. SSD/DRAM)	-30°C to +60°C (-22°F to +140°F) (with i5-7300U, W.T. SSD/DRAM)	-30°C to +60°C (-22°F to +140°F) (with W.T. SSD/DRAM)
Yes	Yes	Yes	Yes
Yes	Yes	N/A	N/A
280 x 190 x 76 mm (11.02" x 7.48" x 2.99")	280 x 190 x 76 mm (11.02" x 7.48" x 2.99")	210 x 366.83 x 83 mm (8.27" x 14.44" x 3.27")	210 x 366.83 x 83 mm (8.27" x 14.44" x 3.27")
3.8 kg (8.37 lb)/4.6 kg (10.14 lb)	3.8 kg (8.37 lb)/4.6 kg (10.14 lb)	4.31 kg (9.5 lb)/5.1 kg (11.24 lb)	4.31 kg (9.5 lb)/5.1 kg (11.24 lb)
CE, FCC Class A	CE, FCC Class A	CE, FCC Class A	CE
Win 10 IoT, WES7, Linux	Win 10 IoT, Linux	Win 10 IoT, Linux	Win 10 IoT, WES7, Linux

IPC

New



New



Features\ Models	IPC964-512-FL	IPC962-511-FL	IPC962-512-FL
CPU Level	7th/6th Generation Intel® Core™ i7/i5/i3 or Celeron®, up to 35W	7th/6th Generation Intel® Core™ i7/i5/i3 or Celeron®, up to 35W	7th/6th Generation Intel® Core™ i7/i5/i3 or Celeron®, up to 35W
System Memory	2 x DDR4-2133 SO-DIMM, up to 32GB	2 x DDR4-2133 SO-DIMM, up to 32GB	2 x DDR4-2133/2400 SO-DIMM, up to 32GB
Chipset	Intel® Q170	Intel® H110	Intel® Q170
I/O Extension Modules	AX93511: 4 x RS-232/422/485 (default RS-232) AX93512: 2 x RS-232/422/485 with isolated 1.5KVDC and 8-in/8-out DIO with isolated 1.5KVDC AX93516: 4 x RS232/422/485 with isolated 1.5KV AX93519: 1 x 10/100/1000 Mbps Ethernet (Intel® i211-AT), 2 x USB 3.0 and 2 x RS-232/422/485 (default RS-232)	AX93511: 4 x RS-232/422/485 (default RS-232) AX93512: 2 x RS-232/422/485 with isolated 1.5KVDC and 8-in/8-out DIO with isolated 1.5KVDC AX93516: 4 x RS232/422/485 with isolated 1.5KV AX93519: 2 x USB 3.0 and 2 x RS-232/422/485 (default RS-232)	AX93511: 4 x RS-232/422/485 (default RS-232) AX93512: 2 x RS-232/422/485 with isolated 1.5KVDC and 8-in/8-out DIO with isolated 1.5KVDC AX93516: 4 x RS232/422/485 with isolated 1.5KV AX93519: 1 x 10/100/1000 Mbps Ethernet (Intel® i211-AT), 2 x USB 3.0 and 2 x RS-232/422/485 (default RS-232)
Display	1 x HDMI 1 x VGA	1 x HDMI 1 x VGA	1 x HDMI 1 x VGA
Ethernet	2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)	2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)	2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)
USB	4 x USB 3.0	4 x USB 3.0	4 x USB 3.0
Audio	Yes	Yes	Yes
PS/2	N/A	N/A	N/A
Expansion Interface	1 x PCIe x16 + 3 x PCIe x4 or 1 x PCIe x16 + 1 x PCIe x4 + 2 x PCI 1 x PCI Express Mini Card slot	1 x PCIe x16 + 1 x PCIe x4 or 1 x PCIe x16 + 1 x PCI or 2 x PCI 1 x PCI Express Mini Card slot (USB 2.0 interface only)	1 x PCIe x16 + 1 x PCIe x4 or 1 x PCIe x16 + 1 x PCI or 2 x PCI 1 x PCI Express Mini Card slot
Storage	2 x 2.5" swappable HDD	2 x 2.5" swappable HDD	2 x 2.5" swappable HDD
Watchdog Timer	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.
Power Input	24V DC (uMin=19V/uMax=30V)	24V DC (uMin=19V/uMax=30V)	24V DC (uMin=19V/uMax=30V)
Operating Temperature	-10°C to +60°C (+14°F - +140°F) with 6th generation CPU (W.T. SSD) -10°C to +50°C (+14°F - +122°F) with 7th generation CPU (W.T. SSD)	-10°C to +60°C (+14°F - +140°F) with 6th generation CPU (W.T. SSD) -10°C to +50°C (+14°F - +122°F) with 7th generation CPU (W.T. SSD)	-10°C to +60°C (+14°F - +140°F) with 6th generation CPU (W.T. SSD) -10°C to +50°C (+14°F - +122°F) with 7th generation CPU (W.T. SSD)
Wall Mount	Yes	Yes	Yes
Dimensions (W x D x H)	188.1 x 192 x 230 mm (7.39" x 7.54" x 9.04")	147.5 x 192 x 230 mm (5.80" x 7.54" x 9.04")	147.5 x 192 x 230 mm (5.80" x 7.54" x 9.04")
Weight (net/gross)	4.8 kg (10.56 lb)/5.9 kg (12.98 lb)	4.382 kg (9.66 lb)/5.346 kg (11.80 lb)	4.382 kg (9.66 lb)/5.346 kg (11.80 lb)
Certifications	CE/FCC	CE/FCC	CE compliance
EOS Support	6th generation platform: Win 7 32/64-bit and Win 10 64-bit 7th generation platform: Win 10 64-bit	6th generation platform: Win 7 32/64-bit and Win 10 64-bit 7th generation platform: Win 10 64-bit	6th generation platform: Win 7 32/64-bit and Win 10 64-bit 7th generation platform: Win 10 64-bit



IPS

New



IPC922-215-FL	IPC932-230-FL
Intel® Celeron® J1900	4th Generation Intel® Core™ i7/i5/i3 or Celeron®, up to 45W
1 x 204-pin DDR3L-1333 SO-DIMM, up to 8GB	2 x 204-pin DDR3-1333/1600 SO-DIMM, up to 16GB
SoC integrated	Intel® Q87
4 x RS-232/422/485	2 x RS-232/422/485 2 x RS-232
1 x VGA	1 x DVI-I
2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)	2 x 10/100/1000 Mbps Ethernet (Intel® i210-AT, Intel® i217-LM)
4 x USB 2.0	2 x USB 3.0 4 x USB 2.0
N/A	Yes
N/A	Yes
2 x PCI or 1 x PCI and 1 x PCIe x4	1 x PCIe x1 and 1 x PCIe x4 or 1 x PCI and 1 x PCIe x4
1 x 2.5" HDD 1 x CFast™	2 x 2.5" HDD 1 x CFast™
255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.
120 W ATX 10V to 30V DC	150 W ATX 10V to 30V DC
-10°C to +50°C (+14°F to +122°F) (with W.T. HDD)	-10°C to +55°C (+14°F to +140°F) (with W.T. SSD or Cfast)
Yes	Yes
118 x 248 x 185 mm (4.6" x 9.8" x 7.3")	164 x 245.6 x 185 mm (6.45" x 9.65" x 7.27")
4.22 kg (9.28 lb)/5.3 kg (11.68 lb)	6.2 kg (13.67 lb)/7.2 kg (15.87 lb)
CE	CE compliance
WES7	WES7

Features\ Models	IPS960-511-PoE
CPU Level	7th/6th Generation Intel® Core™ i7/i5/i3 or Celeron®, up to 35W
System Memory	2 x DDR4-2133 SO-DIMM, up to 32GB
Chipset	Intel® H110
Vision I/O	4 x trigger input 4 or 8 x trigger output 4 x LED lighting control 1 x quadrature encoder input 16 x isolated DIO 1 x auto measurement function
I/O Extension Modules	AX93511: 4 x RS-232/422/485 (default RS-232) AX93512: 2 x RS-232/422/485 with isolated 1.5KVDC and 8-in/8-out DIO with isolated 1.5KVDC AX93516: 4 x RS232/422/485 with isolated 1.5KV AX93519: 1 x 10/100/1000 Mbps Ethernet, 2 x USB 3.0 and 2 x RS-232/422/485 (default RS-232)
Display	1 x HDMI 1 x VGA
Ethernet	2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT) 4 x 10/100/1000 Mbps PoE (Intel® i210-AT)
USB	4 x USB 3.0
Audio	Yes
PS/2	N/A
Storage	2 x 2.5" swappable HDD
Watchdog Timer	255 levels, 1 to 255 sec.
Power Input	24V DC (uMin=19V/uMax=30V)
Operating Temperature	-10°C to +55°C (+14°F to +131°F) with 6th generation CPU -10°C to +45°C (+14°F to +113°F)) with 7th generation CPU
Wall Mount	Yes
Dimensions (W x D x H)	147.5 x 192 x 230 mm (5.80" x 7.54" x 9.04")
Weight (net/ gross)	4.582 kg (10.10 lb)/5.546 kg (12.23lb)
Certifications	CE/FCC
EOS Support	6th gen platform: Win 7 32/64-bit & Win 10 64-bit 7th gen platform: Win 10 64-bit

* All specifications and photos are subject to change without notice.

rBOX/ICO

New



New



New



New



Features\ Models	ICO300-83B	ICO320-83C	ICO100-839	ICO120-83D
CPU Level	Intel® Celeron® N3350 1.1 GHz/ Pentium® N4200 1.1 GHz	Intel® Celeron® N3350 1.1 GHz	Intel® Celeron® N3350 1.1 GHz	Intel® Celeron® N3350 1.1 GHz
System Memory	1 x DDR3L-1866 SO-DIMM, up to 8GB	1 x DDR3L SO-DIMM, up to 8GB	1 x DDR3L-1866 SO-DIMM, up to 8GB	1 x DDR3L-1866 SO-DIMM, up to 8GB
Chipset	SoC integrated	SoC integrated	SoC integrated	SoC integrated
Serial	4 x isolated RS-232/422/485 (N3350/N4200) 2 x isolated RS-232/422/485 (N3350) 4 x RS-232/422/485 (N3350)	2 x RS-232/422/485	2 x RS-232/422/485	1 x RS-232/422/485
CANbus	N/A	CANbus 2.0A/B	N/A	CANbus 2.0A/B
Display	1 x VGA or HDMI (optional)	1 x VGA	1 x VGA	1 x VGA
Ethernet	2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT for ICO300-83B, Intel® i210-IT for ICO300-83BWT)	4 x 10/100/1000 Mbps Ethernet (Intel® i211-AT for ICO320-83C, Intel® i210-IT for ICO320-83C-WT)	1 x 10/100/1000 Mbps Ethernet (Intel® i211-AT for ICO100, Intel® i210-IT for ICO100-WT)	2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT for ICO120, Intel® i210-IT for ICO120-WT)
PoE	N/A	4 x PoE	N/A	N/A
DIO	1 x DIO (8-bit Programming) (optional)	1 x DIO (8-bit Programming) (optional)	1 x DIO (8-bit Programming)	1 x DIO (8-bit Programming)
USB	4 x USB 3.0	2 x USB 3.0	2 x USB 2.0	2 x USB 2.0
Storage	1 x mSATA 1 x 2.5" SATA drive	1 x half-size mSATA 1 x 2.5" SATA drive	1 x mSATA or 1 x eMMC flash on board (optional)	1 x half-size mSATA or 1 x eMMC flash on board(optional)
Watchdog Timer	1 WDT One step is 1 sec./min., 255 levels	1 WDT One step is 1 sec./min., 255 levels	1 WDT One step is 1 sec./min., 255 levels	1 WDT One step is 1 sec./min., 255 levels
Power Input	12V to 24V DC (terminal block)	12V to 24V DC (terminal block)	12V to 24V DC (terminal block)	12V to 24V DC (terminal block)
Operating Temperature	-20°C to +70°C (-4°F to +158°F) Optional -40°C to +70°C (-40°F to +158°F)	-20°C to +70°C (-4°F to +158°F) Optional -40°C to +70°C (-40°F to +158°F)	-20°C to +70°C (-4°F to +158°F) Optional -40°C to +70°C (-40°F to +158°F)	-20°C to +70°C (-4°F to +158°F) Optional for -40°C to +70°C (-40°F to +158°F)
Dimensions (W x D x H)	48 x 110 x 155 mm (1.88" x 4.33" x 6.1")	79 x 110 x 155 mm (3.11" x 4.33" x 6.1")	31 x 100 x 125 mm (1.22" x 3.93" x 4.92")	31 x 100 x 125 mm (1.22" x 3.93" x 4.92")
Weight (net/gross)	1.0 kg (2.2 lb)/1.50 kg (3.3 lb)	TBC	TBC	0.3 kg (0.67 lb)/0.46 kg (1 lb)
Certifications	CE, FCC	CE, FCC	CE, FCC	CE, FCC
Compliance	IEC 60068	IEC 60068	IEC 60068	IEC 60068
EOS Support	Windows® 10 IoT, Linux support package	Windows® 10 IoT, Linux support package	Windows® 10 IoT, Linux support package	Windows® 10 IoT, Linux support package
AXView Supported	N/A	N/A	Yes	Yes



IC0300	IC0310	IC0500-518	rBOX510-6COM[ATEX/CID2]
Intel® Atom® E3815 1.46 GHz/ Intel® Atom® E3827 1.75 GHz	Intel® Celeron® N3060 1.6 GHz/ Intel® Celeron® N3160 1.6 GHz	Intel® Core™ i3-7100U 2C 2.4 GHz/ Intel® Celeron® 3965U 2C 2.2 GHz	Intel® Atom® E3827 1.75 GHz
1 x DDR3L-1067/1333 SO-DIMM, up to 4GB [E3815] or up to 8GB [E3827]	1 x DDR3L-1600 SO-DIMM, up to 8GB	1 x DDR4-1866/2133 SO-DIMM, up to 32GB	1 x DDR3L 4GB onboard
SoC integrated	SoC integrated	SoC integrated	SoC integrated
4 x RS-232/422/485	2 x RS-232/422/485	1 x RS-232/422/485	2 x RS-232/422/485 4 x isolated RS-232/422/485
N/A	N/A	Will release in 2019 Q2	N/A
1 x VGA	1 x VGA	1 x VGA 1 x HDMI	1 x VGA
2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT for IC0300, Intel® i210-IT for IC0300-WT)	2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)	2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT, Intel® i210-IT)	2 x 10/100/1000 Mbps Ethernet (Intel® i210-IT)
N/A	1 x PoE PD compliant (and also can support 10/100/1000 Ethernet)	N/A	N/A
1 x DIO (8-bit Programming) (optional)	1 x DIO (8-bit Programming)	1 x DIO (4-in/4-out)	1 x isolated DIO (8-in/8-out)
2 x USB 2.0	2 x USB 3.0 2 x USB 2.0	4 x USB 3.0	1 x USB 3.0 1 x USB 2.0
1 x CompactFlash™ (or mSATA) 1 x 2.5" SATA SSD/HDD drive bay	1 x mSATA 1 x 2.5" SATA SSD/HDD drive bay	1 x swappable 2.5" 7/9.5 mm SATA SSD/HDD drive bay 1 x external CFast card	1 x CompactFlash™ 1 x 2.5" SATA SSD/HDD drive bay or 1 x mSATA slot
1 WDT One step is 1 sec./min., 255 levels	1 WDT One step is 1 sec./min., 255 levels	1 WDT One step is 1 sec./min., 255 levels	2 WDT WDT 1: 1 sec. 255 levels WDT 2: 250 ms, 255 levels
12V to 24V DC (terminal block)	12V to 24V DC (terminal block)	12V to 48V DC (terminal block)	12V to 48V DC (terminal block)
-20°C to +70°C (-4°F to +158°F)	-20°C to +60°C (-4°F to +140°F)	-20°C to +70°C (-4°F to +158°F)	-40°C to +70°C (-40°F to +158°F)
48 x 110 x 155 mm (1.88" x 4.33" x 6.1")	48 x 110 x 155 mm (1.88" x 4.33" x 6.1")	142 x 121 x 155 mm (5.59" x 4.76" x 6.1")	100.6 x 110 x 135 mm (3.96" x 4.33" x 5.31")
1.0 kg (2.2 lb)/1.50 kg (3.3 lb)	1.0 kg (2.2 lb)/1.50 kg (3.3 lb)	2.0 kg (4.4 lb) net	1.5 kg (3.3 lb)/1.88 kg (4.14 lb)
CE, FCC, UL	CE, FCC	CE, FCC	Heavy Industrial CE, FCC Part 18, UL60950-1, ATEX and C1D2 Anti-Explosive Certification
IEC 60068	IEC 60068	N/A	IEC 60068
Windows® 7 Embedded, Windows® 8 Embedded, Windows® 10 IoT Core Pro, Linux support package	Windows® 7 Embedded, Windows® 8 Embedded, Windows® 8, Windows® 10, Linux support package	Windows® 10, Windows® 10 IoT, Linux support package	Windows® 7 Embedded, Linux support package, Windows® 8 Embedded
N/A	Yes	Yes	Yes

GOT300/3000

New



New



Features\ Models	GOT315WL-845	GOT317-502	GOT3177T-311
CPU Level	Intel® Pentium® N3710 4C @ 1.6 GHz	LGA1151 7th/6th Generation Intel® Core™ i7/i5/i3, Pentium® or Celeron®	Intel® Pentium® N4200 4C @ 1.1 GHz (up to 2.5 GHz)
Chipset	SoC integrated	Intel® H110	SoC integrated
System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB	2 x 260-pin DDR4-2400 SO-DIMM, up to 32GB	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
Display	15.6" WXGA TFT, 400 nits	17" SXGA TFT, 350 nits	17" SXGA TFT, 350 nits
I/O	1 x RS-232 1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet (Intel® i217-LM, Intel® i210-AT) 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x Switch for power on/off (ATX)	2 x RS-232/422/485 1 x HDMI v1.4 1 x VGA (up to 1920 x 1200 60Hz) 1 x DisplayPort v1.2 (DP++) 4 x USB 3.0 2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM, Intel® i211-AT) 1 x Audio (Mic-in/Line-out)	2 x RS-232/422/485 2 x RS-232 2 x 10/100/1000 Mbps Ethernet (Intel® i210-IT) 2 x USB 3.0 2 x USB 2.0 1 x HDMI 2 x Audio (Mic-in/Line-out)
Storage	1 x 2.5" SATA HDD 1 x mSATA	1 x 2.5" SATA HDD	1 x 2.5" HDD 1 x mSATA
Expansion Interface	2 x PCI Express Mini Card slot	1 x half-size PCI Express Mini Card slot (mPCIe 2) 1 x full-size PCI Express Mini Card slot (mSATA_mPCIe 2)	2 x PCI Express Mini Card slot 2 x PCI Express Mini Card slot 1 x PCIe riser card slot (optional) Flexible I/O
Touchscreen	Projected capacitive multi-touch	Flat resistive touch	Flat resistive touch
Power Supply	24V DC	DC terminal block: +12V / +19V / +24V AC adapter: 19V, 6.32A	9V to 36V DC
Power Consumption	72W	120W (including 35W processor)	69W
Watchdog Timer	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.
Dimensions (W x D x H)	396.8 x 59 x 247.1 mm (15.62" x 2.3" x 9.73")	398.02 x 77.5 x 330.44 mm (15.67" x 3.05" x 13.01")	398.02 x 59 x 330.44 mm (15.66" x 2.3" x 13.01")
Weight (net/gross)	4.5 kg (9.9 lb)/6.5 kg (14.3 lb)	6.7 kg (14.77 lb)/9.0 kg (19.84 lb)	5.7 kg (12.6 lb)/8.0 kg (17.6 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)	0°C to +40°C (+32°F to +104°F)	0°C to +60°C (+32°F to +140°F)
Wide Temperature	NA	N/A	Yes
Operating System	Windows® 10 IoT Enterprise (64-bit), Windows® 10 (64-bit)	Skylake: Win7 32/64-bit, Win8.1 64-bit, Win10 64-bit Kaby Lake: Win10 64-bit	Windows® 10 (64-bit), Windows® 10 IoT Enterprise
Certifications	CE	CE	CE

			
GOT318WL-845	GOT3187WL-834	GOT321W-502	GOT3217WL-845
Intel® Pentium® N3710 4C @ 1.6 GHz	Intel® Celeron® J1900 4C @ 2.0 GHz (up to 2.42 GHz)	LGA1151 socket 7th/6th Generation Intel® Core™ i7/i5/i3, Pentium® or Celeron®	Intel® Pentium® N3710 4C @ 1.6 GHz (up to 2.56 GHz)
SoC integrated	SoC integrated	Intel® H110	SoC integrated
1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB	2 x 260-pin DDR4-2400 SO-DIMM, up to 32GB	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
18.5" WXGA TFT, 250 nits	18.5" WXGA TFT, 250 nits	21.5" FHD TFT, 250 nits	21.5" FHD TFT, 250 nits
1 x RS-232 1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet (Intel® i217-LM, Intel® i210-AT) 2 x USB 2.0 2 x USB 3.0 1 x audio (Line-out) 1 x switch for power on/off (ATX)	2 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet (Intel® i210-AT) 2 x USB 3.0 2 x USB 2.0 1 x Audio (Line-out)	2 x RS-232/422/485 1 x HDMI v1.4 1 x VGA (up to 1920 x 1200 60Hz) 1 x DisplayPort v1.2 (DP++) 4 x USB 3.0 2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM, Intel® i211-AT) 1 x Audio (Mic-in/Line-out)	1 x RS-232 1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet (Intel® i217-LM, Intel® i210-AT) 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x HDMI 1 x Switch for power on/off
1 x 2.5" SATA HDD 1 x mSATA	1 x 2.5" HDD 1 x CFast™ or mSATA	1 x 2.5" SATA HDD	1 x 2.5" HDD 1 x mSATA
2 x PCI Express Mini Card slot	2 x PCI Express Mini Card slot	1 x half-size PCI Express Mini Card slot (mPCIe 2) 1 x full-size PCI Express Mini Card slot (mSATA_mPCIe 2)	2 x PCI Express Mini Card slot
Projected capacitive multi-touch or Flat resistive touch (optional)	Projected capacitive multi-touch	10-point projected capacitive multi- touch	10-point projected capacitive multi-touch
24V DC	9V to 36V DC 12V DC with 60W adapter	DC terminal block: +12V / +19V / +24V AC adapter: 19V, 6.32A	24V DC
48W	48W	105W	48W
255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.
460.8 x 58.5 x 285 mm (18.11" x 2.3" x 11.22")	460.8 x 58.5 x 285 mm (18.11" x 2.3" x 11.22")	547.59 x 339.05 x 75.6 mm (21.56" x 13.49" x 2.98")	547.6 x 58.5 x 339.0 mm (21.56" x 2.30" x 13.35")
5.8 kg (12.8 lb)/8.2 kg (18.1 lb)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)	8.4 kg (18.5 lb)/11.3 kg (24.9 lb)	7.6 kg (16.8 lb)/10.5 kg (23.1 lb)
0°C to +50°C (+32°F to +122°F)	0°C to +40°C (+32°F to +104°F)	0°C to +40°C (+32°F to +104°F)	0°C to +50°C (+32°F to +122°F)
N/A	NA	N/A	N/A
Windows® 10 IoT Enterprise (64-bit), Windows® 10 (64-bit)	Windows® 8.1, WE8S, Windows® 7, WES 7	Skylake: Windows® 7 (32/64-bit), Windows® 8 (64-bit), Windows® 10 (64-bit) Kaby Lake: Windows® 10 (64-bit)	Windows® 10 (64-bit), Windows® 10 IoT Enterprise (64-bit)
CE	CE	CE	CE

P1000

New



New



New



Features\ Models	P1127E-500	P1157E-500	P1177E-500	P1197E-500
CPU Level	LGA1151 7th/6th Generation Intel® Core™ i7/i5/i3, Celeron® or Pentium®	LGA1151 7th/6th Generation Intel® Core™ i7/i5/i3, Celeron® or Pentium®	LGA1151 7th/6th Generation Intel® Core™ i7/i5/i3, Celeron® or Pentium®	LGA1151 7th/6th Generation Intel® Core™ i7/i5/i3, Celeron® or Pentium®
Chipset	Intel® H110	Intel® H110	Intel® H110	Intel® H110
System Memory	2 x 288-pin DDR4-2133 Long-DIMM dual channel, up to 32GB	2 x 288-pin DDR4-2133 Long-DIMM dual channel, up to 32GB	2 x 288-pin DDR4-2133 Long-DIMM dual channel, up to 32GB	2 x 288-pin DDR4-2133 Long-DIMM dual channel, up to 32GB
Display	12.1" XGA TFT, 500 nits	15" XGA TFT, 250 nits	17" SXGA TFT, 250 nits	19" SXGA TFT, 250 nits
I/O	3 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x VGA 1 x DisplayPort 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM, Intel® i211-AT) 1 x Audio (Mic-in/Line-out) 1 x Remote power switch	3 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x VGA 1 x DisplayPort 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM, Intel® i211-AT) 1 x Audio (Mic-in/Line-out) 1 x Remote power switch	3 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x VGA 1 x DisplayPort 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM, Intel® i211-AT) 1 x Audio (Mic-in/Line-out) 1 x Remote power switch	3 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x VGA 1 x DisplayPort 4 x USB 3.0 (back) 2 x USB 2.0 (front) 2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM, Intel® i211-AT) 1 x Audio (Mic-in/Line-out) 1 x PS/2 combo
Storage	1 x 2.5" SATA HDD	1 x 3.5" or 2 x 2.5" SATA HDD	1 x 3.5" or 2 x 2.5" SATA HDD	1 x 3.5" or 2 x 2.5" SATA HDD
DVD-RW	N/A	N/A	N/A	1 x built-in slim type (optional)
Expansion Interface	1 x PCIe x4 or 1 x PCI	1 x PCIe x4 or 1 x PCI	1 x PCIe x4 or 1 x PCI	1 x PCIe x4 or 1 x PCI
Touchscreen	5-wire resistive touch	5-wire resistive touch	5-wire resistive touch	5-wire resistive touch
Power Supply	200 W, 100V to 240V AC	200 W, 100V to 240V AC	200 W, 100V to 240V AC	200 W, 100V to 240V AC
Power Consumption	121W	97.6W	143W	157W
Watchdog Timer	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.
Front Bezel	Aluminum with IP65/NEMA 4 rugged protection	Aluminum with IP65/NEMA 4 rugged protection	Aluminum with IP65/NEMA 4 rugged protection	Aluminum with IP65/NEMA 4 rugged protection
Dimensions (W x D x H)	314.2 x 105 x 253.7 mm (12.37" x 4.13" x 9.99")	378.3 x 90 x 310.3 mm (14.89" x 3.54" x 12.22")	411.82 x 90 x 353.24 mm (16.21" x 3.54" x 13.91")	482 x 94.7 x 380.8 mm (18.98" x 3.73" x 23.03")
Weight (net/gross)	4.2 kg (9.26 lb)/6.3 kg (13.89 lb)	5.4 kg (11.90 lb)/7.8 kg (17.20 lb)	6.4 kg (14.11 lb)/10.2 kg (22.49 lb)	8 kg (17.64 lb)/10.4 kg (22.93 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)	0°C to +45°C (+32°F to +113°F)
Operation System	Skylake: Win 7, Win 8.1, Win 10 Kaby Lake: Win 10 64-bit	Skylake: Win 7, Win 8.1, Win 10 Kaby Lake: Win 10 64-bit	Skylake: Win 7, Win 8.1, Win 10 Kaby Lake: Win 10 64-bit	Windows® 10, Windows® 10 IoT Enterprise
Certifications	CE	CE	CE	CE

GOT600/800

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Features\ Models	GOT610-837	GOT815L-511	GOT817L-511
CPU Level	Intel® Atom® E3845 1.91 GHz	Intel® Core™ i5-7300U 3.5 GHz	Intel® Core™ i5-7300U 3.5 GHz
Chipset	SoC integrated	SoC integrated	SoC integrated
System Memory	DDR3 4GB (default) or 8GB memory onboard	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB
Display	10.4" XGA TFT LCD, 500 nits	15" XGA TFT LCD, 420nits	17" SXGA TFT LCD, 350nits
I/O	1 x RJ-45 for GbE LAN with isolated 1.5KV 4 x USB port type A connector 1 x Serial port RS-232/422/485 with isolated 1.5KV D-sub 9 male 1 x DC for power input with isolated 1.5KV Phoenix 3.81 mm terminal 1 x Audio: Line-out, Mic-in, 3.5 mm phone jack 1 x DIO (6-in/2-out) with isolated 1.5KV Phoenix type 1 x CAN bus with isolated 1.5KV D-sub 9 male 3 x Internal Antenna (SMA) 1 x SIM Card socket	2 x RS-232/422/485 (default RS-232, A-coded) 4 x USB 2.0 (A-coded) 1 x 10/100/1000 Mbps Ethernet (Intel® I210-IT)	2 x RS-232/422/485 (default RS-232, A-coded) 4 x USB 2.0 (A-coded) 1 x 10/100/1000 Mbps Ethernet (Intel® I210-IT)
Storage	16GB flash onboard 1 x mSATA	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD
Expansion Interface	2 x full-size PCI Express Mini Card slot	1 x full-size PCI Express Mini Card slot 1 x half-size PCI Express Mini Card slot	1 x full-size PCI Express Mini Card slot 1 x half-size PCI Express Mini Card slot
Touchscreen	5-wire resistive touch or projected capacitive multi-touch	5-wire resistive touch or projected capacitive multi-touch	5-wire resistive touch or projected capacitive multi-touch
Power Supply	9V to 36V DC or 18V to 60V DC	9V to 36V DC	9V to 36V DC
Power Consumption	44.5W	45W	57W
Watchdog Timer	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.
Front Bezel	Aluminum with rugged protection	Stainless steel IP66/IP69K protection	Stainless steel IP66/IP69K protection
Dimensions (W x D x H)	382 x 185 x 427 mm [15.04" X 7.28" X 16.81"]	382 x 55 x 305 mm [15.4" x 2.17" x 12.01"]	415.92 x 54.96 x 348.34 mm [16.37" x 2.16" x 13.71"]
Weight (net/gross)	TBC	5.2 kg (11.46 lb)/8.4 kg (18.5 lb)	7.04 kg (15.52 lb)/10.3 kg (22.71 lb)
Operating Temperature	-30°C to +55°C (-22°F to +131°F)	-20°C to +50°C (-4°F to +122°F)	-20°C to +50°C (-4°F to +122°F)
Operating System	Windows® 7, WES7 Windows® 8.1, WE8S Windows® 10, Windows® 10 IoT	Windows® 10 IoT, Windows® 10	Windows® 10 IoT, Windows® 10
Wide Temperature	Yes	Yes	Yes
Certifications	CE, EN 60721-3-5	CE	CE

* All specifications and photos are subject to change without notice.



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