ESTONE TECHNOLOGY

Purpose-Built for for Industrial Settings

Industrial panel PCs are specialized computers with touchscreen displays and enhanced connectivity. Built to withstand harsh environmental conditions, panel PCs are used in a range of applications, including manufacturing automation, process control, human-machine interface (HMI) systems, CNC machining, building automation, self-service applications, and many other industrial settings.

Avoid the workarounds and compromises that come with off-the-shelf (OTS) products. Customizing and ODM produce unique, application-specific solutions.

CUSTOMIZATION & ODM SPECIALIST

KEY FEATURES

- Long lifecycle support
- Rugged and fanless design
- Extended I/O selections
- POE and wide voltage input

OS OPTIONS

- Windows
- Android
- Linux
- Customized OS

CERTIFICATIONS

- CE Marking
- UL Certification
- FCC Certification
- ISO 9001, 13485

THE ESTONE ADVANTAGE

DESIGN
creates solid solutions

Application-specific designs are the foundation of Estone's design-centered services. We become an extension of your engineering team, offering full 3D modeling and a wide range of core technologies, from ARM to x86, with the OS of your choice. Let Estone bring your IP into a branded application-specific solution.

MANUFACTURING
makes a difference

Design should never overshadow the importance of manufacturing. Estone understands that quality products depend on material selection, attention to detail, regulatory compliance, quality management, and efficient overall production.

LIFECYCLE MANAGEMENT
supports long-term success

Customization can reduce the total cost of production (TCO) and extend market presence. Estone helps you invest in thoughtfully designed features and component selection to prolong your product's usefulness and your overall lifecycle.

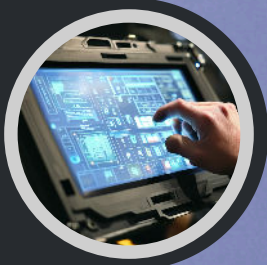Simplified supply chain management **+** Compliant facilities & expert production **+** Small or large production run flexibility

ESTONE TECHNOLOGY

A solid starting point for your product selection and development

POWER OPTIONS

Power requirements vary, so we offer standard or custom support of 12VDC, 24VDC/AC, 9-36VDC wide voltage, PoE, PoE+, and more. Different format power input connectors are offered to meet your specific Panel PC power options.

RUGGED BUILD

Our panel PCs are constructed with durable materials and designed to meet industry-specific environmental standards (e.g., IP65 or IP67 for water and dust resistance).
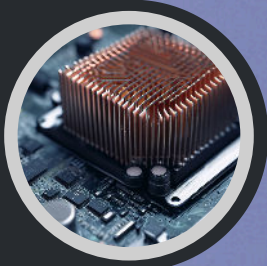
ENHANCED CONNECTIVITY

We offer a range of connectivity options, including multiple USB ports, Ethernet ports, serial ports, CAN Bus and expansion slots to connect with various industrial equipment and peripherals.

SCALABILITY

Reliability and flexibility are crucial for industrial environments. Our panel PCs are scalable to accommodate various system size and complexity, including scalable processing power, screen size and brightness, expandable I/O ports and OS compatibility.

FANLESS DESIGN

Most of our industrial panel PCs are designed without cooling fans, reducing the risk of dust and debris entering the system and minimizing maintenance requirements.

LONGEVITY & AVAILABILITY

From design to component selections, we guarantee the sourcing of compatible components and replacements for your panel PC system and provide long-term product availability and support.
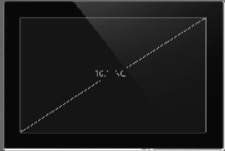
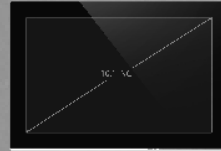**Product Longevity**

INDUSTRIAL

AUTOMATION

MEDICAL
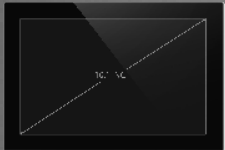
SELF-SERVICE

PRODUCT LINE-UP

PPC-4910
10.1" Edge AI Panel PC
NXP i.MX8M Plus ARM Quad Cortex-A53
Frameless w/3mm glass, up to 1000nits
RS-232/485, CAN, POE or 12-24VDC/AC
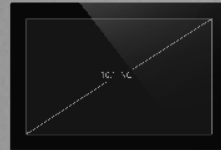Yocto, Debian Linux, Android 10

PPC-4710
10.1" Industrial Panel PC/HMI
NXP i.MX8M Mini ARM Quad Cortex-A53
Frameless w/3mm glass, dual NIC option
RS-232/485, POE, 9-24V or 24VDC/AC
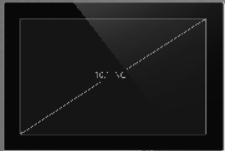Yocto, Debian Linux, Android 10

PPC-6810
10.1" Industrial Panel PC
Intel Elkhart Lake Celeron N6415 1.20 GHz
Frameless w/3mm glass, dual GbE
RS-232/485 and GPIOs, 12VDC
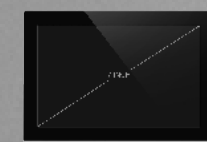Windows 10 IoT LTSC or Linux

PPC-6710
10.1" Industrial Panel PC
Intel Apollo Lake Celeron N3450 1.10 GHz
Frameless w/3mm glass, dual NIC
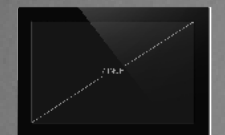RS-232/485 and GPIOs, 12VDC
Windows 10 IoT LTSC or Linux

PPC-6610
10.1" Industrial Panel PC
Intel Atom x5-Z8350, 1.44 GHz
Frameless w/3mm glass, one GbE
RS-232/485, POE, 9-24V or 24VDC/AC
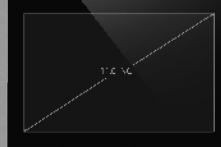Windows 10 IoT LTSC or Linux

PPC-4707
7" Industrial Panel PC/HMI
NXP i.MX8M Mini ARM Quad Cortex-A53
Frameless w/3mm glass, dual NIC option
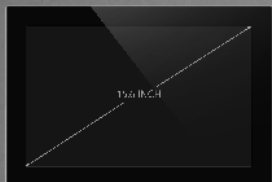RS-232/485, POE, 9-24V or 24VDC/AC
Yocto, Debian Linux, Android 10

PPC-4107
7" POE In-wall Panel PC
NXP i.MX6DL ARM Dual Cortex A9
Frameless w/3mm glass, In-wall mounting
POE or 12VDC Input, one USB 2.0
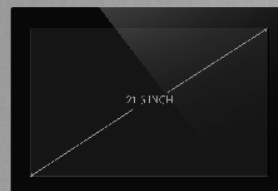Android 6 or Yocto Linux

PPC-6812
11.6" Industrial Panel PC/HMI
Intel Elkhart Lake Celeron J6412 2.0 GHz
RS-232/485, dual GbE, dual TPU support
POE, 12VDC, 9-24V or 24VDC/AC
Windows 10 IoT LTSC or Linux

PPC-6815
15.6" Industrial Panel PC
Intel Elkhart Lake Celeron J6412 2.0 GHz
RS-232/485, dual GbE, dual TPU support
POE, 12VDC, 9-24V or 24VDC/AC
Windows 10 IoT LTSC or Linux

PPC-6721
21.5" Industrial Panel PC
Intel Bay Trail Celeron J1900 2.0 GHz
RS-232, dual GbE, USB 3.0, HDMI
12V or 19VDC, 75/100mm VESA mount
Windows 10 IoT LTSC or Linux

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