



**Industrial Electronics Reimagined**



*“Providing reliable and innovative industrial computer solutions - that is our mission.*

*We strive to the future where we are the leader in this field, while in the present, we make sure that every product is crafted to perfection.”*

Dr. Xu Jun, Chipsee CEO

## Why Chipsee?

- Diverse catalogue
- Exceptional quality of products and service
- Flexible customization options
- Efficient Branding and Labelling services
- Reliability, efficiency and dedication
- Large stock that ensures fast shipping



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# The Company

Enabling innovation for industrial electronics

## About Chipsee

Founded in 2010, Chipsee designs and manufactures high-quality Industrial PCs, Monitors, System-on-Modules, and develops Customized Solutions for customers around the world.

For years we have been guided by our desire to create industrial computer solutions of the highest quality. It makes us constantly invest in the research of the market and listen to customers' specific needs and requirements and use that experience to create reliable and innovative solutions as well as to provide exceptional service.

# Timeline



2010~2012

Chipsee was the first to produce displays and expansion boards for the most popular SBC at that time, BeagleBoard, PandaBoard, BeagleBone.



2012

We partnered up with Texas Instrument to manufacture the first SOM module based on the TI Cortex-A8. This module came to be the core of our new Industrial PC product line.



2015

We then created our second Industrial PC product line by making a SOM module based on the Freescale Quad-A9 CPU.



2018

We have made Embedded PCs based on the Freescale Cortex-A53 CPU and Rockchip Cortex-A72 CPU.



2019

We have launched our new website and established our first EMEA office in Vienna, in order to give better service to all our European customers.



2020

We have released Industrial PC product lines based on the Intel x86 and Raspberry Pi CM3+ module.

## Sales Network

Chipsee headquarter is in Beijing, China, while Chipsee EMEA office is Viena, Austria. It is currently the only Chipsee subsidiary in Europe. Chipsee products are manufactured in China and shipped from there to customers all over the world. Our distribution network keeps on growing. We build a strong and lasting relationship with our distributors and make joint effort to make sure that our customers receive the best possible service in the least amount of time.

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# Standard Solutions



Industrial PCs



Industrial Monitors



System-on-Modules

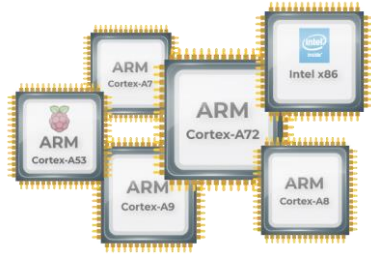


# Industrial PC

Chipsee **Industrial PCs** are innovative and reliable industrial solutions, designed for seamless interaction with people. They are used in control manufacturing lines and industrial equipment all over the world. This product line includes ARM-based and X86-based industrial computers.



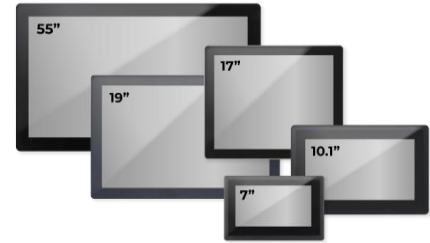
# Industrial PC Options



ARM and Intel CPU



Embedded or Panel form-factor



From 3.5 to 21 inches display size



5- or 10-point capacitive or resistive touch screen



Operating Systems



From 320x240 to 1920x1080 display resolution

# Cortex- A7

- Display size: 7"
- Form factor: panel and embedded
- Touch: capacitive
- Recommended replacement for ARM9, ARM11 products
- Suitable for low-cost usage
- Support Windows CE
- 4G module is not supported



## Cortex- A8

- Display size: 5"- 8"
- Form factor: panel and embedded
- Touch: capacitive, resistive
- 4G module is not supported



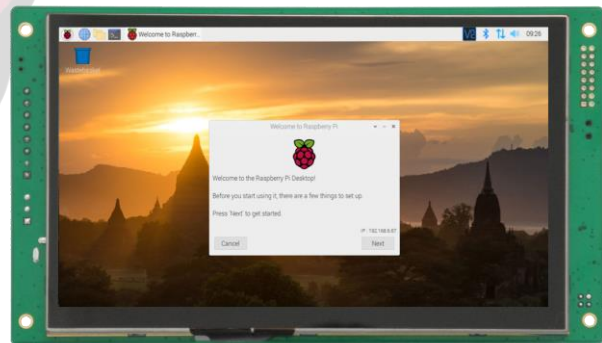
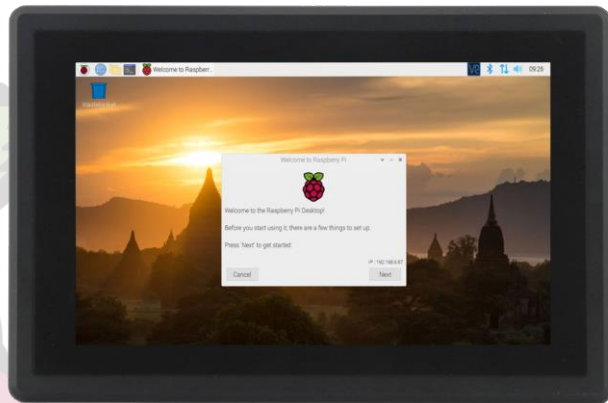
# Cortex-A9

- Display size: 7" – 21.5"
- Form factor: panel, embedded and BOX
- Touch: capacitive touch with tempered glass
- 4G module is supported



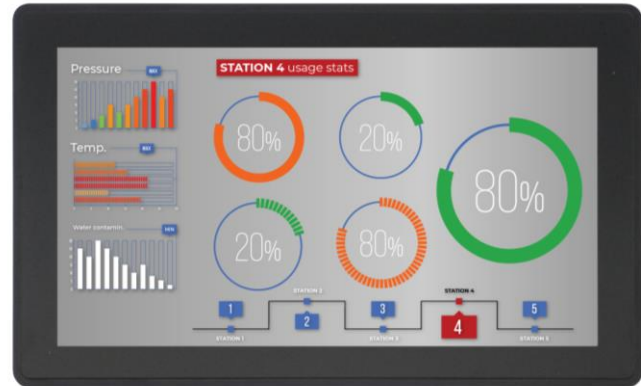
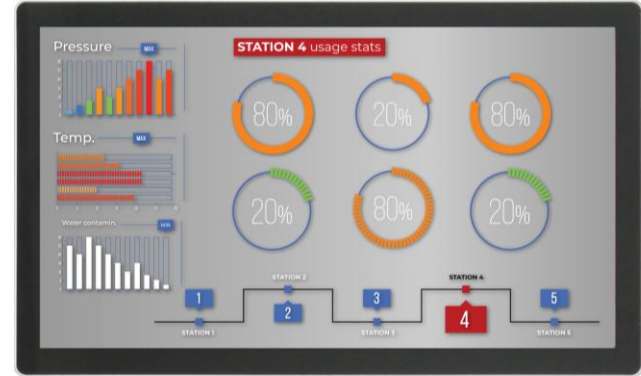
# Cortex-A53

- Based on Raspberry Pi CM3+ module
- Display size: 7" and 10.1"
- Form factor: panel and embedded
- Touch: capacitive
- OS: Debian
- 3G/4G module is supported



# Cortex-A72

- Display size: 10.1" - 21.5"
- Form factor: panel and embedded
- Touch: capacitive
- OS: Android and Debian
- 4G module is supported



## Intel X86 Panel PC

- Display size: 10.1" - 21.5"
- Form factor: panel
- Touch: capacitive and resistive
- OS: Linux, Windows 7 and Windows 10





## Intel X86 Box PC

- CS86-B0X-3855/6200/10510U
- Available CPUs - 3855, i5-6200, i7-10510U
- 4GB DDR4 and 64GB Hard disk are default
- 4G module is supported



# Industrial Monitors

Chipsee **Industrial Monitors** are a solid and durable solution for all types of environments. Manufacturing, commercial, or industrial. They can withstand high temperatures and harsh conditions.

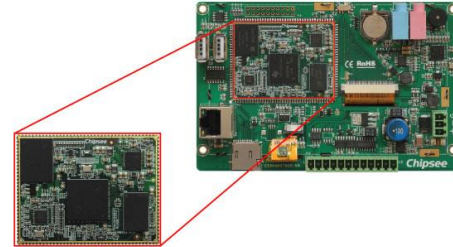
Customers can choose from various screen sizes: from **10.1"** to **27"**. We also offer all the standard interface options.



# SOM

The Chipsee **System-on-Module** is a single circuit board designed with everything you need and built around a powerful microprocessor.

We offer six different SOMs. From the popular quad Arm® **Cortex®-A9** core SOM, to the one with a low-power Rokchip **RK3399** processor, to everything in between.



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# Custom solutions

We design and deliver specialized hardware and software solutions for industrial electronics. Our highly experienced development team creates custom solutions for all kinds of projects to meet customers' different needs and requirements.



## Branding and Labelling

Our branding and labelling service allows complete personalization of your product.

We can add logo to the product, packaging or metal case, change logo on the PCB, add boot logo, create custom packaging, a customized manual, change casing colour, and more.



# Software/Hardware Customized Solutions

- Adding customers' own Logo (boot animation), adding some special packages or library files that are not included in the standard package
- Modifying some default config file in the system.
- Upgrading the existing OS to its latest version
- Installing the software or applications required by customers.
- Changing the PCB function/shape according to customers' requests



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# Case Studies

From automotive diagnostic equipment to access control systems, Chipsee products are used in a diverse range of industrial solutions.

## Enterprise Resource Planning Equipment

**Kingdee** designed software that is suitable for different Industrial field control and information display. So, they needed a high-performance industrial display solution that can run their intricate software smoothly.

We designed, developed, and manufactured two different-sized solutions for them: a 12.5-inch and 15.6-inch product. Both are based on the Cortex A72 CPU, and both run smoothly on Android 24/7.





## Interface for solar systems

**HYCUBE** needed a reliable and secure high-quality industrial HMI solution to integrate with their smart Energy products.

We designed and developed two products for them: a 5-inch and 7-inch product, both based on a Cortex A8 CPU. Easy to implement, use, and maintain.



 **HYCUBE**<sup>®</sup>  
THE POWER OF NEW ENERGY

## Automotive Diagnostic Equipment

**Injetronic** needed a handheld product that can run smoothly on Android OS, and support 4 hours of battery-powered operation, at least.

We provided them with a complete solution - a fully customized product based on NXP CPU IMX6D, with 1GB DDR3, and 8GB eMMC, run Android 6.0. It can support 4 hours of work time at least and match their industrial level request.



