



Crystal Display Systems Ltd

# CDS Industrial Panel PC Brochure



FANLESS



W-LAN



COM



VGA



HDMI



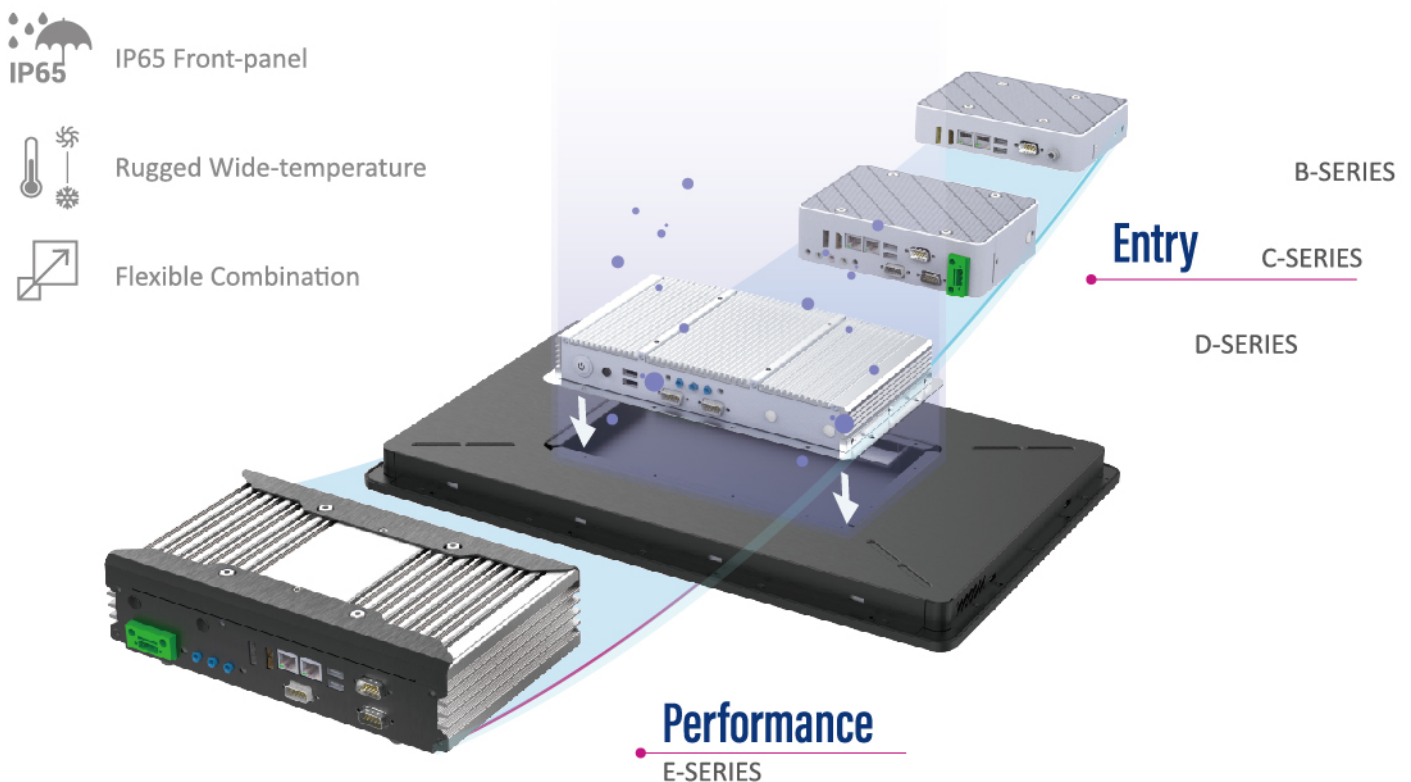
ubuntu

## INTRODUCTION

CDS is a professional rugged Industrial PC supplier who specialises in designing, manufacturing, and marketing industrial PCs, including BOX PC, Capacitive Touch PCs, Resistive Touch PCs, IP65 Touch PCs, IP68 Industrial PCs, Embedded/Wall mounted Touch PCs, Desktop Panel PC, high bright PPCs, ruggedised OEM and ODM solutions, plus certain Components for different applications.

CDS is a dynamic customer focused company with the creativity to develop new products, and renew technology, such as fanless industrial touch screen PCs, with silent cooling systems, ruggedised aluminium cast housing with amazing craftsmanship, IP65 waterproof and dustproof designs, high performance PC systems, and extremely attractive pricing.

## *Mix and Match Yourself*



These aspects enable CDS to stand out from the competition. Thanks to the CDS team's professional experience, project management expertise, and innovative product development, CDS delivers excellent reliable and optimized industrial Panel PC Touch Screen Computers to its clients worldwide. CDS's goal is to offer high quality industrial computers at the most affordable prices.

## Fanless Embedded Touchscreen Panel PCs

Industrial Box PC fanless series with multiple interfaces and mounting options to give flexible customer specific solutions.



The CDS slim Panel PCs include fanless or fan solutions depending on the customer project requirements. If the Panel PC needs to be applied in a tough high temperature and extreme surroundings, you should consider one of our Panel PCs with fan installed on the outside of the product, but the fans are detachable for easy maintenance if required.



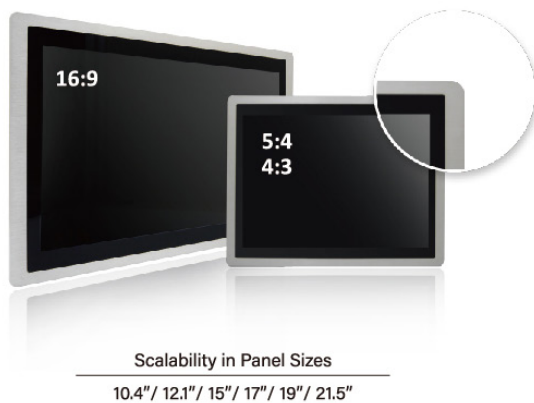


## High Brightness Industrial PCs from CDS

High Bright Panel PCs are suitable for numerous applications requiring a Human-Machine Interface (HMI) including factory automation, energy, pharmaceutical, medical, food processing or outdoor applications. The features of the high luminance industrial HMI PCs include elegant and edge-to-edge glass designs, well designed and rugged construction, configurable performance, and flexible mounting options. CDS, as a Displays specialist, supply an extremely broad range of interactive HMI PCs, with a choice of processor and chipset combinations, with the focus of the CDS range being in the high brightness solutions.

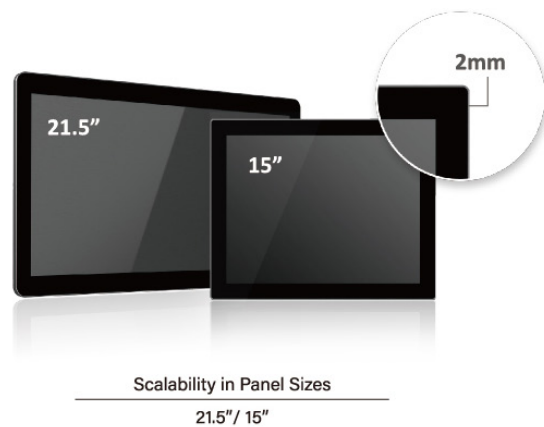
### Front IP65 Waterproof

Standard Bezel Series



Narrow Bezel Series

New



### Highlights Of The High Brightness Panel PC Range:

- 10.4" – 21.5" (standard aspects) Other sizes available upon request.
- Up to 1600cd brightness
- Mix and match pc platforms from intel Atom to Core i7 / AMD Ryzen-V
- High accuracy Multi touch PCAP touchscreens
- Barebone solutions
- 10.4" up to 21.5" as the core range.
- Wide power inputs from 9V-36V. \*Optional Extra
- IP65 front face up to full waterproof IP68 solutions.
- High reliability Fanless with no moving parts.
- Lockable power connectors
- Various Aspect ratios



## Customised and bespoke solutions

Sometimes when it comes to special requirements or custom projects, the off the shelf products cannot fit the customer's specific needs. However, the configuration could be upgradable to meet the custom requirements. Options are considerable and can include the following below.



### Some of our Configuration Options

- Storage Size: 64GB, 128GB or 512 (SSD) upgradable
- 8GB, 16 GB memory upgradable
- i3, i5, & i7 CPU processors available
- HDD – 500 GB or 1T available
- WiFi Expansion kit and bluetooth 2-in-1 option
- 2x W-LAN option
- Expansion COM
- Operating systems option = Android
- Multiple installation modes available incl. wall mounted, Embedded, & Desktop

In addition, CDS also offer OEM/ODM Service to match customers requests, our professional engineers would provide a bespoke reliable and optimised solution. We have a competitive advantage on design with cost effective manufacturing to complete your custom project!



## You can find the following steps about our OEM/ODM Service:

- Step 1. Customer provides the initial requirement or idea.
- Step 2. CDS offers a free draft drawing and gives some suggestions to customers based on our experience, if required.
- Step 3. Customers confirm the design and specification by signing this off so we can progress to the sample approval stage\*.
- Step 4. Customers receive the sample and once approved we move to mass production.
- Step 5. CDS could refund the sample fee when customer orders the agreed quantities.

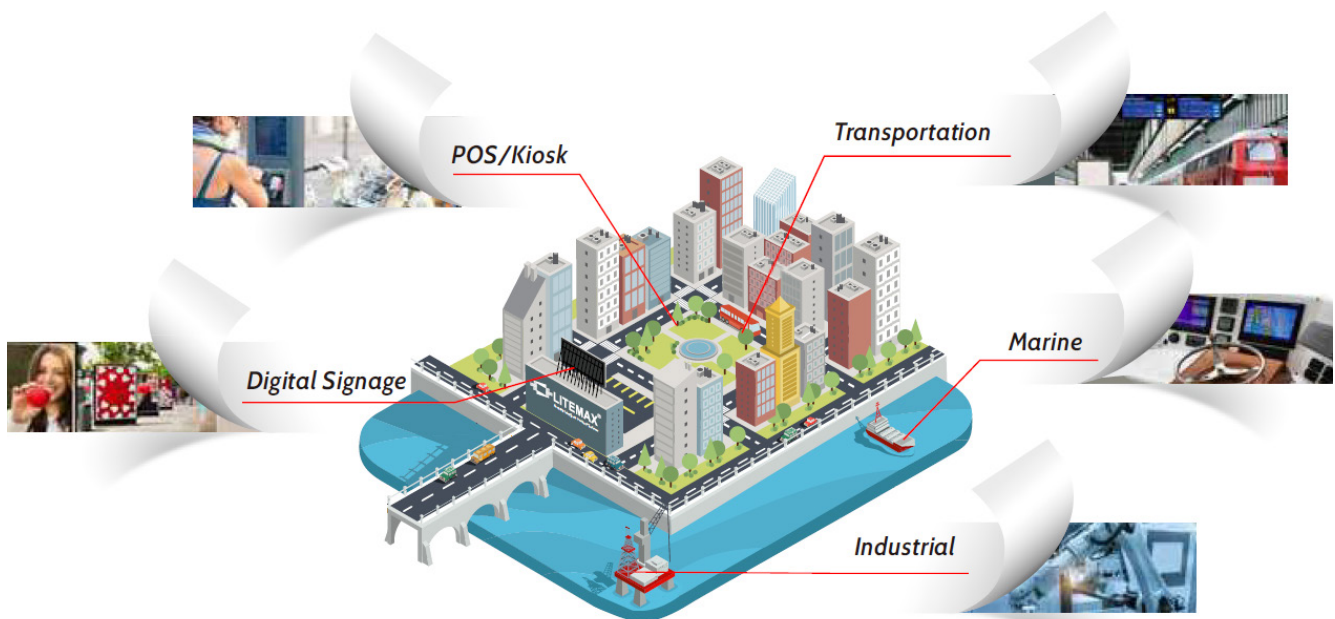
\* There may be a Non-Recurring Engineering (NRE) charge at this stage agreed with the customer.

## Successful OEM Project:

- 1 Face recognition access control system
- 2 Self-service machine
- 3 Multi-functional touch PC
- 4 IP68 Aluminium housing industrial Panel PC
- 5 Conference all-in-one touch machine



All CDS products are tested and 'soaked' carefully before shipping to its customers, to ensure they pass the relevant certification needed including FCC, CE, ROHS and other industry or international specific requirements. CDS strives for continuous product improvement and innovation, so it can provide its clients with the best value products. Also delivered in custom packaging including international packaging to help ensure the highest quality and reliability for the customer.



CDS invites you to explore our product ranges and contact us at any time. CDS would give you the best support for your need.

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