

Managing compact Health / Digital Signage / Retail solutions with Intel Atom™ Bay-Trail Single / Quad Core E3815/3845 platform



Retail

Digital Signage

Health Care



Manufacturing Automation

Thin-client /Network

Video Surveillance

Lex SYSTEM®

LEX 21385A/CW SBC with Intel® Atom™ Bay Trail (Single Core / Quad Core) processor to give users fast, convenient and simplified solutions for industrial and embedded applications.

The compact size feature makes this platform well suited for many space-limited and thermally constrained embedded applications, such as Digital Signage Machines, Visual inspection instruments and POS/Kiosk solution.

21385A/CW is enclosed in a compact chassis with low power consumption and is with special design to withstand high vibration, extreme temperature variation, and dynamic power supply voltage vehicle working environment.

21385 A/CW Spec:

Spec outline

1. Intel® Bay Trail-I E3815 1.46GHz (Single core) / E3845 1.91GHz (Quad core) CPU/ chipset,
2. MB size 2.5" 105 x 73mm
3. Graphic: Intel Bay Trail-I Integrated Graphics chipset
4. Memory: DDR3L 2G/4G Onboard
5. Features: VGA ,LVDS & Touch Screen, 2 x Intel Gb Ethernet , 2 x Mini PCIe, 4 x USB, 4 x COM,
Wide Range -9~36V DC-IN

[MB Data download](#)



TWIN

Dimension: 145W x 89.3D x 35H

- Palm Size Fanless Solution
- Wide Range Temperature Tolerance (-20°C ~ +70°C)
- Wide Range Power input supported



MIRO-2

Dimension: 140W x 92D x 37H

Dimension: 140W x 92D x 64H

- DIN-Rail Mounted Solution
- Wide Range Temperature Tolerance (-20°C ~ +70°C)
- Wide Range Power input supported



Fanless panel PC series

- Touch Screen panel
- Panel frame water proof

Retail

21385A/CW system can be connected to various extension devices via its flexible rear panel, such as barcode scanner, bill printer, or credit card swipe machine. Also, it could be a security access control system with RFID card reader, or to identify the employee whoever operate the system, to manage employees' schedules, and prevent the confidential information being leak out.

Main Feature

- Easy-installed, cost-effective and fanless design
- Ideal for all kinds of POS solutions
- Adjustable tablet stand can be tilted 50 degrees up or down
- VESA 75/100 wall mount spec.
- Resistive touch screen / Capacitive multi-touch screen
- IP65 waterproof
- Open frame mechanical design
- Extension twin view solution
- LED backlight



Digital Signage

To meet the demand from today's competitive market, LEX has designed products to provide users more dynamic, flexible and fully customized digital signage solutions which delivering important messages, advertising and brand promotion to target audiences like passengers, travelers, customers, patients and employees.

LEX 2I385A/CW with multiple display interface: VGA & LVDS, provides reliable & high performance platforms for customer to build up different types of digital signage tools which are able to advertising through high resolution display LCD screen 24/7 non-stop service in bus, display window, department store or air port information system.



Health Care

LEX bezel-free panel pc can be dedicated to mobile medical devices (medical trolley / emergency hospital station). The bezel-free panel PC allows system to resist to water, dust, grease, liquid and bio-fluids. And the optional rechargeable battery solution provides medical staff more flexible, reliable electrical medical instrument.

LEX 2I385A/CW with SDI video capture cards can be dedicated to PC-base medical device. (medical imaging at surgery application, laboratory or measuring microscopes)



Mobile Medical Station solution

with bezel-free flat panel pc



Manufacturing Automation

LEX 2I385A/CW all-in-one industrial systems/ panel pc creates the ideal solution for upgrading the automation control system in nowadays factory assembly lines. 2I385A/C MB supports multi-com ports to connect with various equipments. Furthermore, 2I385A/CW panel pc equipped with IP65 front panel and bezel-free mechanical design which is able to meet the waterproof& dustproof requirements of the various factory environments.

With LEX rugged, compact & industrial design cases, 2I385A/CW processes 2 x Giga LAN & USB interface for using high-speed cameras at wide range power supplied environments. LEX 2I385A/CW system develops a completed machine vision solution for production facilities which require the greatest performance in a very limited space.

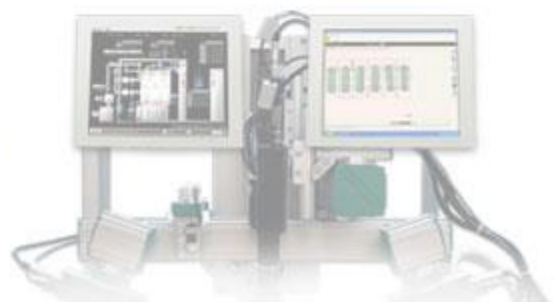


Manufacturing Automation Solution

2I385A/CW



Machine Vision Solution



Thin-Client / Networking

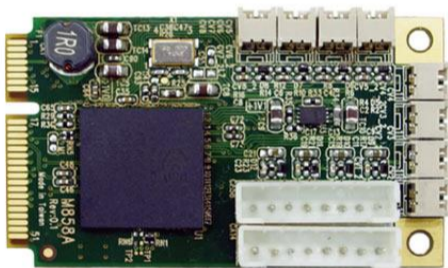
LEX 2I385A/CW provides customers the new generation thin client platform with single/quad-core processing and multimedia support. Plus with Generation 7 graphics and media encode/decode engine, 2I385CW is able to run HD video playback & internet streaming smoothly. The compact, rugged and fanless design of TWIN 2I385A helps customer to create high-performance system without additional maintenance cost for failed system fan.



Video Surveillance

- **M858A 8CH Video Capture card makes your security system no more blind vision**

M858A is a high-quality NTSC/PAL video decoder card specifically designed for surveillance applications.



M858A

. Specification	8CH D1 Video in & 8CH Audio in
	CONEXANT CX25858 chip
	10-bit NTSC/PAL Video Decoders
. Dimensions	30 x 50.95 mm



- **SDI – 1CH HD-SDI Video Capture card brings your the intelligent video surveillance system**

1 CH HD-SDI Video Capture card is high-definition (various resolutions up to 1920 x 1080p) Mini-card PCIe video capture

module for SDI cameras. This card targets at single-camera applications requiring high-definition such as for video surveillance equipment or for on-site quality control in industrial environment.



SDI

. Specification

SDI-1CH HD-SDI Video Capture Card

1 x SDI Video Input

Max. 1920 x 1080p @30/25/24 fps

. Dimensions

30 x 50.95 mm



SDI – 1CH HD-SDI Video Capture card
brings your the intelligent video
surveillance system

Copyright © 2015 LEX Computech Co., Ltd.

All Rights Reserved. Design And Specifications Are Subject To Change Without Prior Notice.
Any Type Of Unauthorized Reproduction Is Prohibited.