Machine Vision solution

Digital Signage solution

2I380A

Back Panel View:

Front Panel View:

Thin-client / Network solution

PoE Client Solution

Lex SYSTEM

Ultra Compact 2.5" SBC Board with
Intel Atom™ Bay Trail-I Single / Quad Core E3815/3845

LEX launches 2I380A SBC with the new 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 intelligent thin-client solution.
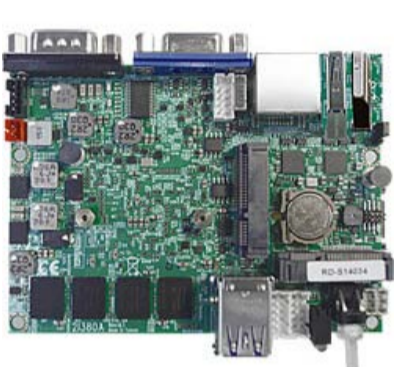
2I380A Spec:

Spec outline

1. Intel® Bay Trail-I E3815 1.46GHz (Single core) / E 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 On board
5. Features: VGA, HDMI, 1 x Intel Gb Ethernet, 2 x Mini PCIe, 4 x USB, COM
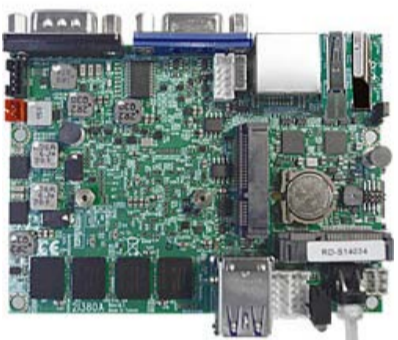
MB Data download

Chassis

2I380A

+

TWIN + 2I380A

TWIN Dimension: 145W x 89.3D x 35H
• Palm Size Fanless Solution
• Front Panel / Back Panel IO conntors

2I380A

+

UNO

UNO Dimension: 180W x 125D x 42H
• PoE Client solution
• Cost effective and One LAN cable set-up, No A/C attach required

Digital Signage solution with 2.5" Bay Trail-I platform

LEX 2I380A with multiple display interface : VGA and HDMI, 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.

Machine Vision Solution with 2.5" Bay Trail-I platform

With LEX rugged, compact & industrial design cases, 2I380A processes the Giga LAN & USB 3.0 interface for using high-speed cameras at wide range power supplied environments. LEX 2I380A system develops a completed machine vision solution for production facilities which require the greatest performance in a very limited space.

2I380A

Machine Vision Solution

Thin-Client / Networking Solution with 2.5" Bay Trail-I platform

LEX 2I380A 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, 2I380A is able to run HD video playback & internet streaming smoothly. The compact, rugged and fanless design of TWIN 2I380A helps customer to create high-performance system without additional maintenance cost for failed system fan.

TWIN

TWIN + 2I380A

PoE Client Solution with 2.5" Bay Trail-I platform

LEX 2I380A with PoE- In power module can be dedicated to PoE-Client device. LEX PoE-Client solution provides thin client users many benefits at environmental, cost and management aspects. Through the power over Ethernet, PoE-client system not only reduces expensive electrical wiring fee but also increases maintenance efficiency by being able to shut down or reset devices remotely.

UNO

2I380A

PoE Client Solution with 2.5" Bay Trail-I platform