

2I386EW Series

LEX Compact SBC 2I386EW with
Flexible Expansions via eIO extension cards



Health Care
Doctor
Hospital
Pharmacist
Nurse
Dentist
First Aid
Surgeon
Emergency

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LEX Compact SBC 21386EW with Flexible Expansions via eIO extension cards

LEX Computech released compact SBC which are with fantastic flexibility and integration with optional eIO (2 x PCIe + USB) expansion function: 21386EW is based on the Intel® Bay Trail processors, integrated 1 x DDR3L SODIMM (support max up to 8GB) memory, 2 x GbE LAN, 4 x USB, 4 x COM Port, VGA & LVDS display interface that offer the ideal platforms for high performance applications in Digital Signage, medical devices, POS/Kiosk, gaming machines, automation, military & industrial facilities.



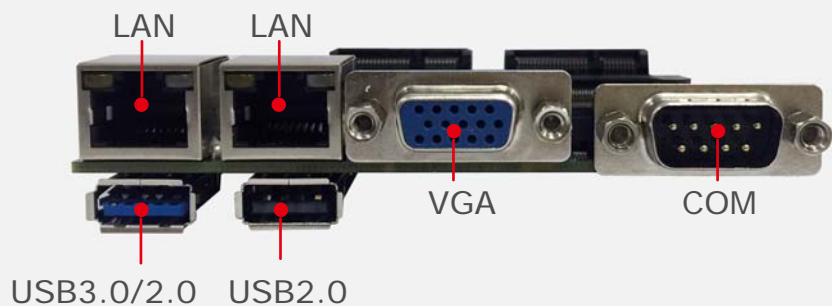
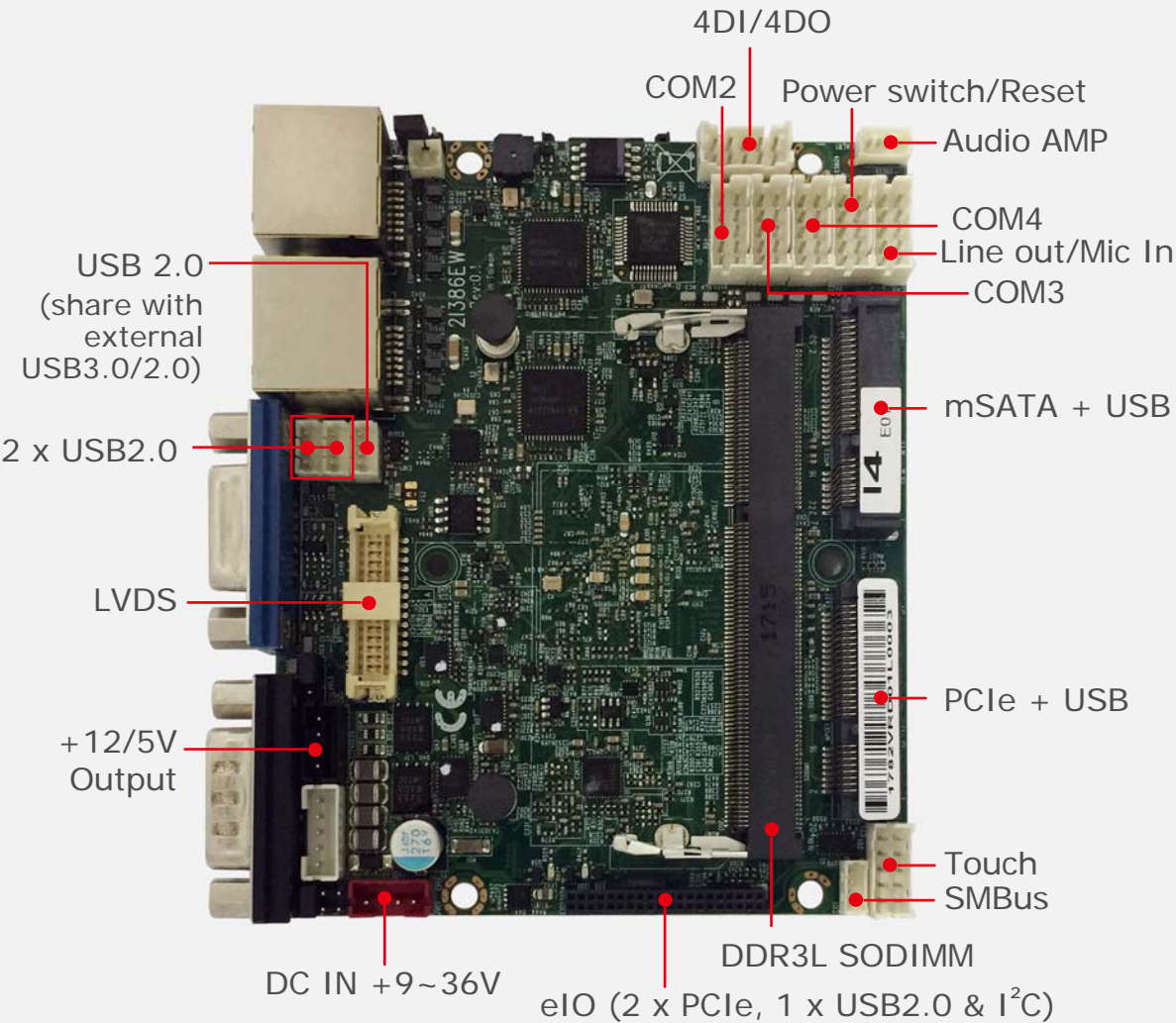
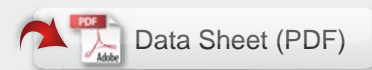
Function MAP



21386EW

Compact solution with Rich Expansion for vertical application

- Intel® Bay Trail E3845/J1900 (Quad Core) SoC CPU / chipset
- 1 x DDR3L 1333Mhz SODIMM, max up to 8GB
- Display: VGA & LVDS
- 2 x GbE, 2 x Mini PCIe, 1 x USB 3.0, 3 x USB 2.0
- 4 x COM (COM1/COM2: 2 x RS232 / RS422 / 485)
(COM3/COM4: 2 x RS232)
- 4DI/4DO, HD audio, Lex eIO (2 x PCIe + USB), Touch, Audio AMP
- Wide Range DC IN +9~36V
- Wide temperature support of -20°C ~ 70°C





LEX eIO Embedded system provides flexible stackable options with multiple chassis

LEX's innovative eIO systems: TERA (Compact system) provides customers completed mechanical solutions with less cabling, reduced assembly, complexity and labor cost and all feature IO options to fulfill vertical applications in Digital Signage, medical devices, POS/Kiosk, gaming machines, automation, military & industrial facilities.

TERA + 2I386EW + L2L001

TERA Series

Dimension: 56.5H x 145W x 106.2D mm

- Compact heat-dissipating System
- Robust & Powerful Fanless Embedded solution



LEX eIO Rich Expansion for Vertical Applications

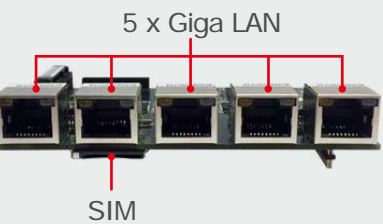
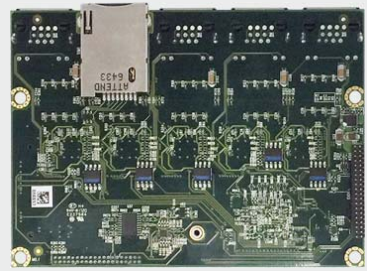
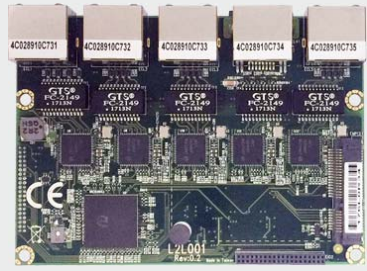
LEX's innovative eIO Extension MBs:

2I386EW is all feature flexible and integrated various IO cards to help aid efficient development, reduce resources and assist integrators to provide optimized solutions to their customers more quickly. Through the eIO interface, the additional functions with eIO MB can be: 5-port GbE, 4-port GbE plus Fiber, 4 x PoE with Fiber, 2 x PoE or 1 PoE + Fiber, 4 x SIM card socket & 4 x mini card PCIe as below:



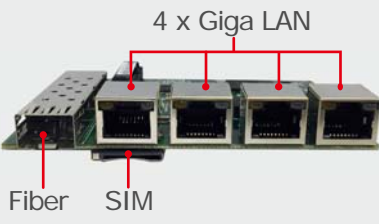
LEX eIO extension card:

L2L001



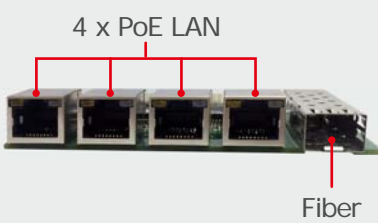
- 5 PCIe Giga LAN
- Intel I210-IT / I211-AT
- 1 Mini PCI Express socket.
- USB and PCIe (Option, share fifth LAN port)
- SIM-Push-Push
- Dimension: 102 x 73mm

L2L002



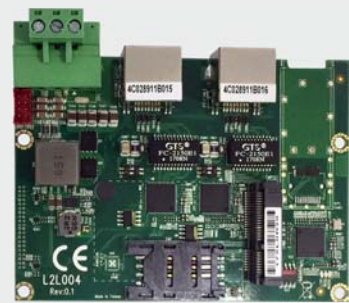
- 4 PCIe Giga LAN
- Intel I210-IT / I211-AT
- 1 port 1000Base-SX Fiber.
- 1 Mini PCI Express socket.
- USB and PCIe (Option, share Fiber LAN port)
- SIM-Push-Push
- Dimension: 102 x 73 mm

L2L003



- 4 x PoE Giga LAN, 1 x Fiber LAN
- Power: Wide Range +9V ~+36V
- Dimension: 102mm x 73 mm

L2L004



- 2 x PoE Giga LAN M12 type
- 1 x Fiber LAN (Optional to 1 x PoE LAN)
- 1 x Full Size Mini card USB interface
- 1 x SIM socket
- Power: Wide Range +9V ~+36V
- Dimension: 102mm x 73 mm

L2M001



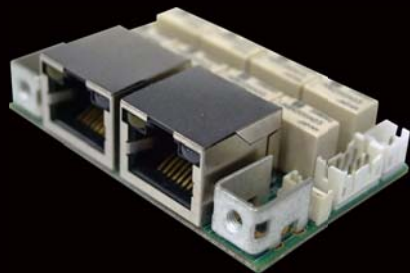
- 4 Mini PCI Express socket (full size)
- Support USB and PCIe, SIM-Push-Push
- For option: 2 x USB 3.0
- Dimension: 117 x 73 mm

Extension mini PCIe Cards & modules with 21386EW:

M212A

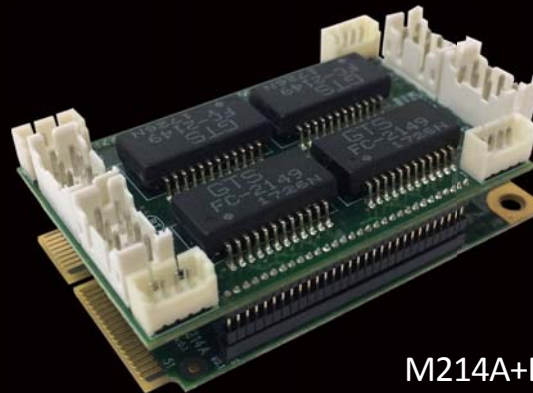


M212A



CL002

M214A+B



M214A+B



CL004

PW352



PW352-M12



PW352-RJ45

Mini PCIe Card- 1~2 x LAN extension card

- Intel I210IT LAN chip
- Support 1~2 Giga bit/s LAN
- Full Duplex Flow Control
- Work with CL001 / CL002
- Dimension: 50.95 x 30 mm

Mini PCIe Card- 4 x LAN extension card

- Intel I210IT LAN chip
- Support 4 Giga bit/s LAN
- Full Duplex Flow Control
- Work with CL004
- Application for four LAN or LAN by pass or LAN PSE solution
- Dimension: 50.95 x 30 mm

2 x PoE OUT board

- 2 x RJ45 or 2 x M12
- Input voltage: +9V to +36V (Typical DC 12V or DC 24V Input, DC Range DC +12V (±5%), +24V (±5%))
- Output voltage: +52V
- Compliant IEEE802.3 af up to 15.4W Support 2 pairs only
- Dimension: 72 x 35 mm

M954A



M954A-232



M954A-422

Mini PCIe Card- 4 x COM extension card

- M954A-232: Mini PCIe to 4 x RS232
- M954A-422: Mini PCIe to 4 x RS422
- Dimension: 50.95 x 30 mm

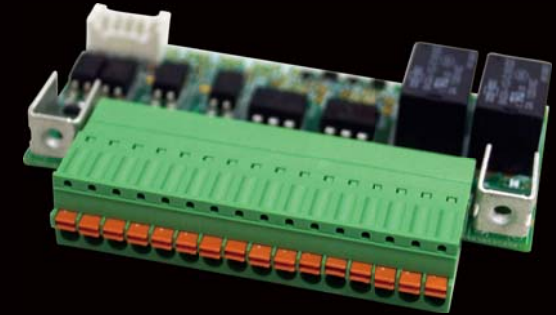
M061M



Mini PCIe to mSATA RAID

- Support RAID 0, RAID 1, SPAN
- Support 2 x Mini Card slot with half-size
- Support S.M.A.R.T. feature
- 1.5 Gbps, 3.0 Gbps & 6.0 Gbps negotiation
- Dimension: 50.95 x 30 mm

CIO108



Digital I/O card

- Optocoupler for Digital Input Isolation board
- Support: 8 x DI or 8 x DO or 4 x DI + 4 x DO (2 Power Relay + 2 SSR)
- Dimension: 72 x 35 mm