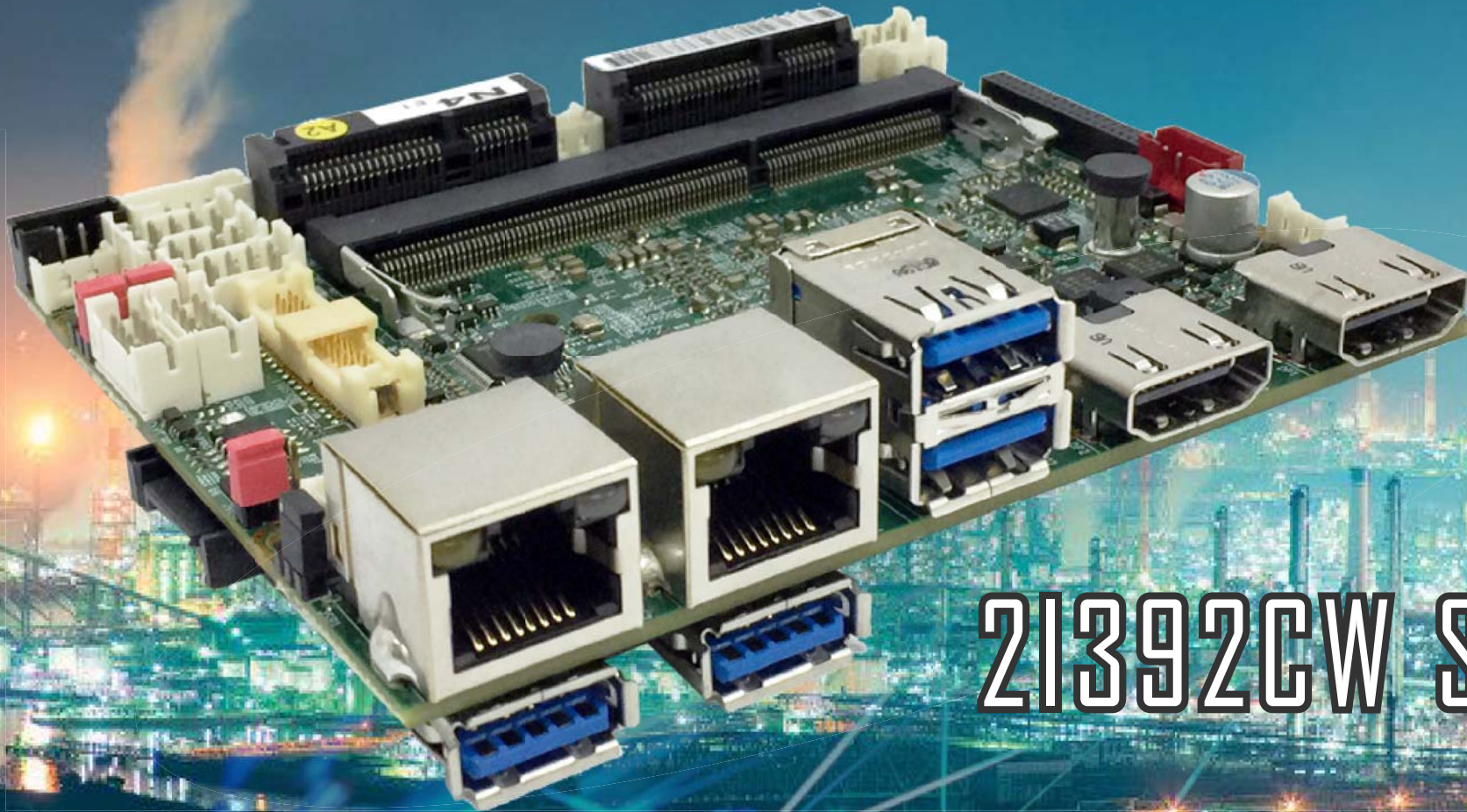
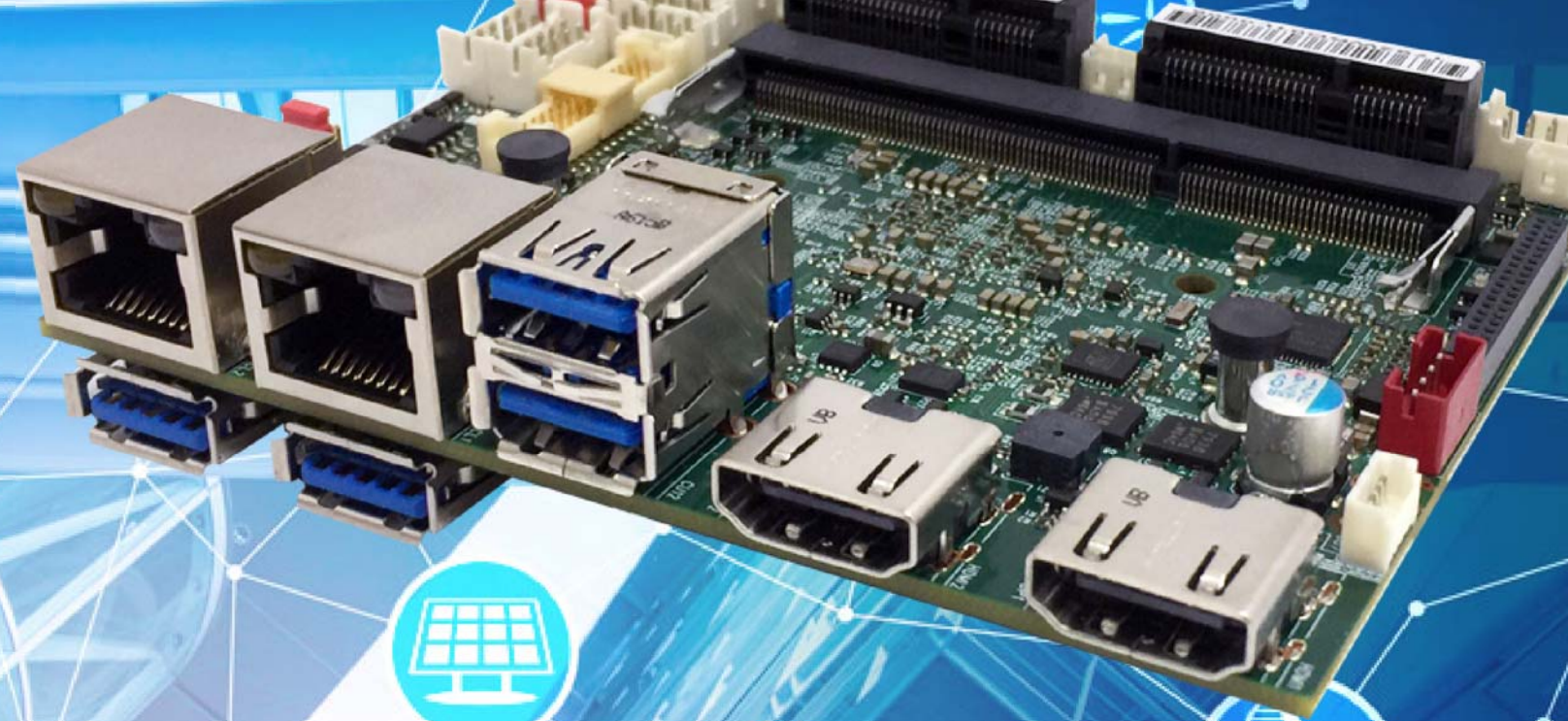


LEX Pico-ITX SBC 21392CW with Flexible Expansions utilizing Intel[®] Apollo Lake SoC

Lex SYSTEM[®]



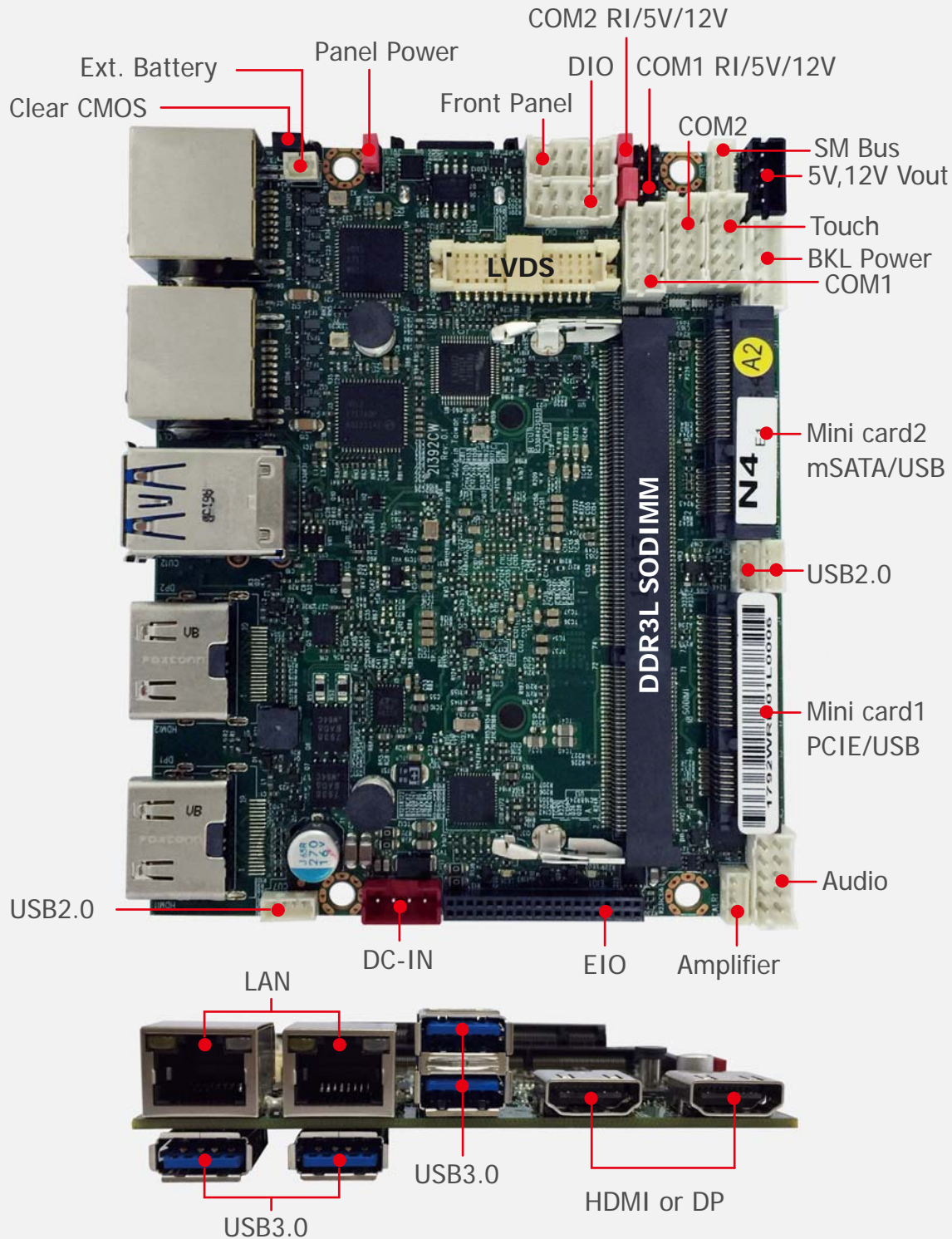
21392CW Series



LEX Pico-ITX SBC 21392CW with Flexible Expansions utilizing Intel® Apollo Lake SoC Processor

LEX Computech released of the next generation Pico-ITX SBC with optional LEX eIO (2 x PCIe +USB) expansion function: 21392CW is based on the latest Intel® Apollo Lake processor, integrated 2 x GbE LAN, 7 x USB, 2 x COM Port and 2 x HDMI, 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



21392CW

Compact solution with Rich Expansion for vertical application

- Intel® Apollo Lake N4200 / N3350 / E3950 SoC CPU / chipset
- 1 x DDR3L 1600 Mhz SODIMM, Max up to 8GB
- Display: LVDS & 2 x HDMI (option 2 x Display Port)
- 2 x GbE, 2 x Mini PCIe, 4 x USB 3.0, 3 x USB 2.0
- 2 x COM (3 in 1 RS232/422/485 select by BIOS)
- 4DI/4DO, HD audio, Lex eIO: 2 x PCIe + USB
- Wide Range DC IN +9~36V
- Wide temperature support of -40°C ~ 70°C
- Support 4K UHD resolution content





Front TERA + 2I392CW + L2L001 (OEM)



Back TERA + 2I392CW + L2L001

LEX eIO Embedded system provides flexible stackable options with Fanless 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 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

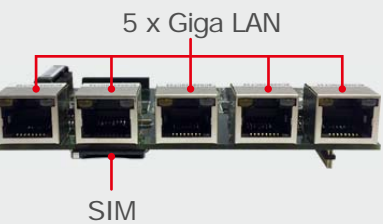
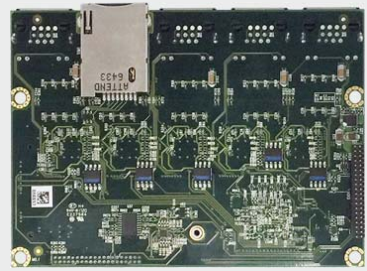
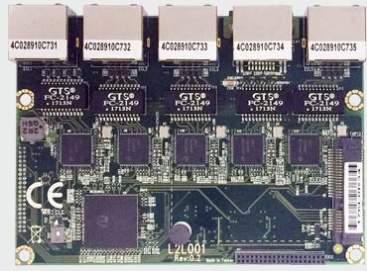
LEX's innovative eIO Extension MBs:

2I392CW 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:



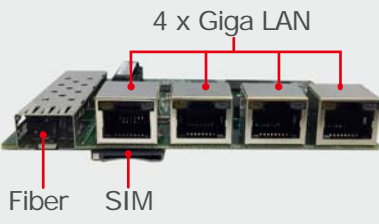
LEX eIO extension card:

L2L001



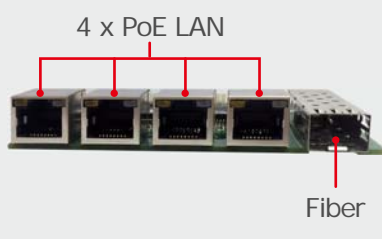
- 5 PCIe Giga LAN
- Intel I210-IT / I211-AT
- 1 Mini PCI Express socket.
- USB and PCIe (Option, share fifth LAN port)
- SIM-Push-Push
- Dimension: 102 x 73mm

L2L002



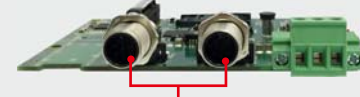
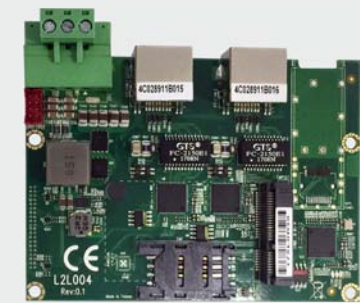
- 4 PCIe Giga LAN
- Intel I210-IT / I211-AT
- 1 port 1000Base-SX Fiber.
- 1 Mini PCI Express socket.
- USB and PCIe (Option, share Fiber LAN port)
- SIM-Push-Push
- Dimension: 102 x 73 mm

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



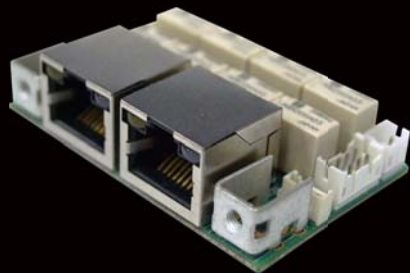
- 4 Mini PCI Express socket (full size)
- Support USB and PCIe, SIM-Push-Push
- For option: 2 x USB 3.0
- Dimension: 117 x 73 mm

Extension mini PCIe Cards & modules with 21392CW:

M212A

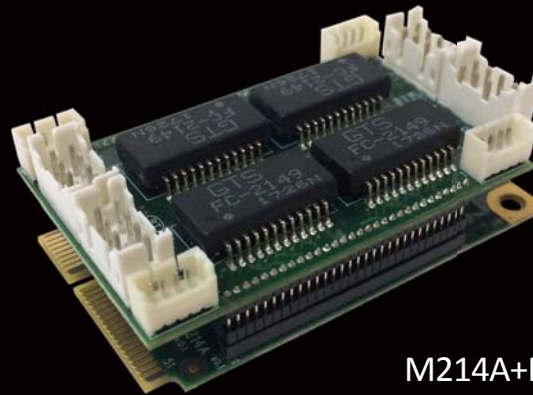


M212A



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

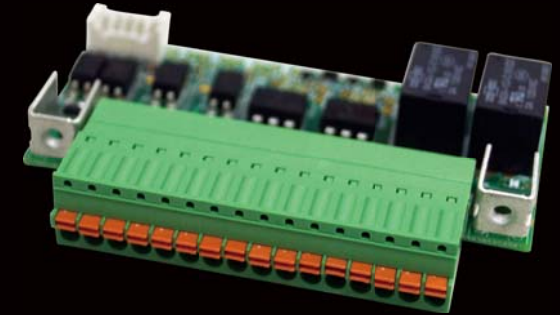
M061M



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