

LEX Pico-ITX SBC 2I390CW

with Flexible Expansions utilizing
Intel® Apollo Lake SoC Processor

Lex SYSTEM®



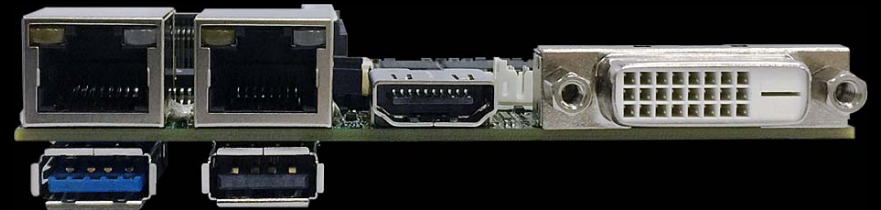
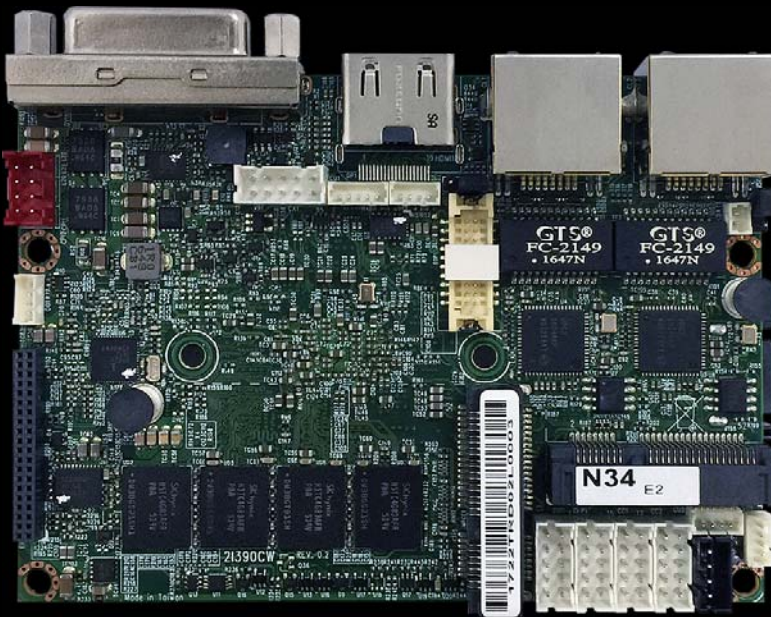
2I390CW



LEX Pico-ITX SBC 21390CW 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: 21390CW is based on the latest Intel® Apollo Lake processor, integrated 2 x GbE LAN, 5 x USB, 2 x COM Port and HDMI, DVI display interface that offer the ideal platforms for high performance applications in Digital Signage, medical devices, POS/Kiosk, gaming machines, automation, military & industrial facilities.



21390CW

Compact solution with Rich Expansion for vertical application

- Intel® Apollo Lake N4200 / N3350 / E3950 SoC CPU / chipset
- On board DDR3L 4GB
- Display: eDP, HDMI & DVI
- 2 x GbE, 2 x Mini PCIe, 2 x USB 3.0, 3 x USB 2.0
- 4DI/4DO, HD audio, 2 x COM, 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





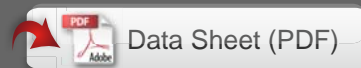
21390CW + L2L001

Rich Expansion for Vertical Application

21390CW adds one full-size Mini PCIe slot & one half-size Mini PCIe slot. One Mini PCIe slot with PCIe, mSATA and USB interfaces and another with mSATA and USB interfaces. They can be used to expand more I/O connectivity like 4-port serial, Video capture card, SIM card socket, and USB 3.0 by mini PCIe modules. Also wireless WiFi, Bluetooth, and GPS Mini PCIe module expansion possibilities. More I/O interfaces can be supported from eIO modules such as L2L001 & L2L002.

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

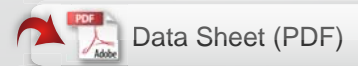
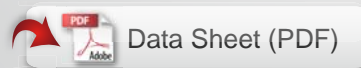


L2L002

- 4 PCIe Giga LAN
- Intel I210-IT/I211-AT
- 1 port 1000Base-SX fiber.
- Intel I210-IS
- 1 Mini PCI Express socket.
- USB and PCIe (Option, share fiber LAN port)
- SIM-Push-Push

L2M001

- 4 Mini PCI Express socket (full size)
- Support USB and PCIe, SIM-Push-Push
- For option : USB3.0 x 2





TERA + 2I390CW + L2L001

TERA Series

Dimension: 56.5H x 145W x 106.2D mm

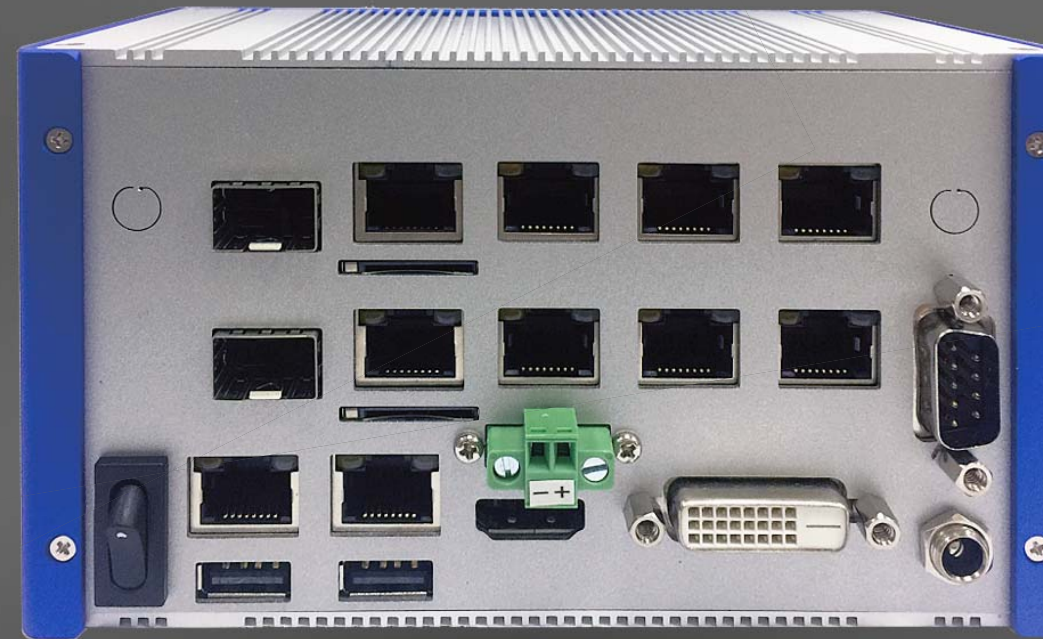
- Compact heat-dissipating System
- Robust & Powerful Fanless Embedded solution





21390CW + L2L001

21390CW + 2 x L2L002

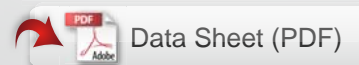


BLADE (eIO extension Cards) Series

Dimension: 63 H x 150 W x 80.8 D mm (1 x eIO Card)

85 H x 150 W x 80.8 D mm (2 x eIO Card)

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



Data Sheet (PDF)



2I390CW + 2 x L2L001



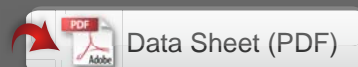
2I390CW + L2L001

MIRO-2 (eIO extension Cards) Series

Dimension: 72 H x 140 W x 92 D mm (1 x eIO Card)

93.6 H x 140 W x 92 D mm (2 x eIO Card)

- Industrial networking solution
- Powerful Fanless Din-Rail solution



Data Sheet (PDF)