

Discover more flexibility & shorter development time with LEX PICO Express® technology - Pico-ITX 2.5" Intel Bay-Trail platform with full-features, compact Evaluation Carrier Boards

21385PW + DK001

21385PW Series + DK Board

21385PW + DK002

21385PW + DK003

**Lex** SYSTEM®

LEX launches 21385PW SBC with Intel® Atom™ Bay Trail (Single Core / Quad Core) processor to give users flexible, reliable and cableless solution for configuring the customized system in the shortest time. By connecting with LEX PICO Express® technology (160-pin expansion connectors), users can adopt a carrier board with suitable I/O interfaces.

LEX PICO Express® is a board-to-board expansion capability provides cableless system and project-oriented IO options. 21385PW's PICO Express® design & Evaluation carrier boards is also the ideal solution for embedded application developers to get up and running quickly on their customized carrier boards for different OEM/ODM projects.

21385PW Spec



- Intel® Bay Trail-I E3815 1.46GHz (Single core) / E3845 1.91GHz (Quad core) CPU/chipset
- MB size Pico-ITX 2.5" 105 x 73mm
- Graphic: Intel Bay Trail-I Integrated Graphics chipset
- Memory: DDR3L 2G/4G Onboard
- Features: VGA, LVDS, HDMI, Touch Screen, 2 x Intel Gb Ethernet, 2 x Mini PCIe, 7 x USB, 4 x COM, 1 x PCIe, Wide Range +9~36V DC-in, PICO Express® 160-pin connector

Data Sheet (PDF)

LEX PICO Express® evaluation carrier boards: DK001/DK002/DK003 help customers evaluate the features and performance of 21385PW M/B that demonstrate optimized and tested solutions for their application design. In addition to the evaluation, design and testing purposes, these boards help customers to expedite their carrier board development.

PICO Express® Evaluation Carrier Board: DK001 / DK002/ DK003 Spec

DK001



- Flexible interface for verifying LEX PICO Express® 21385PW M/B
- Multi-type interface options for design development flexibility: Stander IO connector & M12 Type connector
- Expedite customer's carrier board development
- Ultra Compact size at 3.5" (145 x 102 mm) form factor
- Interface: 1-4 x miniPCIe, 1-4 x SIM holder, 1 x USB3.0, 5-6 x USB 2.0, 1 x PS2 KB/MS, 4 x COM, Line- out , Mic-in, 2 x GbE, 1 x VGA, 1x HDMI, PWR/Reset Button, PWR/LAN/HDD LED, DC-IN JACK/TB IN/TB OUT, DIO

Data Sheet (PDF)

DK002



DK003

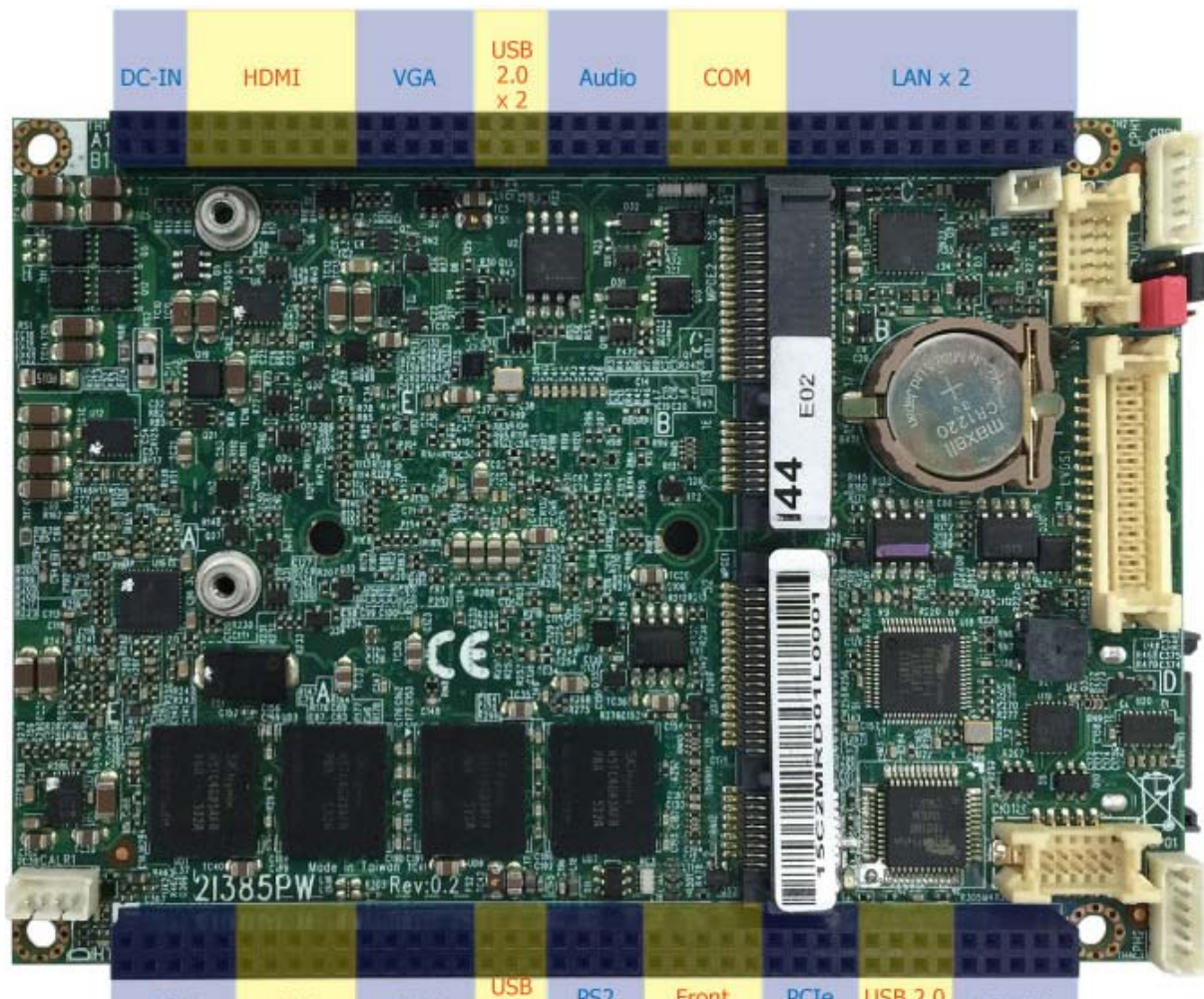


Data Sheet (PDF)

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LEX PICO Express® 160-pin connector I/O Interface Diagram

21385PW 160-pin connector I/O



21385PW + DK001



21385PW+DK001

21385PW + DK002



21385PW+DK002

21385PW + DK003



21385PW+DK003