

Pico Express® Total Extension Solution

Pico Express® the best alternative to COM Express solution



21847PW Series



21385PW Series + DK005 Board



◆ Pico Express® the best alternative to COM Express solution

- More reliable & flexible design
- Save Time & effort of developing extension I/O interfaces
- Provide various customized systems quickly & easily

Pico-ITX 21385PW



21385PW Spec:

1. Intel® Bay Trail-I E3825 1.33GHz (Dual core) / E3845 1.91GHz (Quad core) CPU/ chipset
2. MB size Pico-ITX 2.5" 105 x 73mm
3. Graphic: Intel Bay Trail-I Integrated Graphics chipset
4. Memory: DDR3L 2G/4G Onboard
5. Features :
VGA, LVDS, HDMI, Touch Screen, 2 x Intel Gb Ethernet, 2 x Mini PCIe, 1 x USB 3.0/2.0, 5 x USB 2.0, 4 x COM, 1 x PCIe, Wide Range +9~36V DC-in, PICO Express® 2 x 80-pin connector
6. Operation Temperature: -20°C ~ 70°C

[Data Sheet \(PDF\)](#)

Pico-ITX 21847PW



21847PW Spec:

1. Intel® Intel Ivy Bridge Celeron 1047UE 1.4 GHz; Support i3/i7 CPU
2. MB size Pico-ITX 2.5" 105 x 73mm
3. Graphic: Intel Panther Point (PCH) HM76
4. Memory: DDR3 2G/4G Onboard
5. Features :
VGA, HDMI, 2 x Intel Gb Ethernet, 1 x USB 3.0/2.0, 5 x USB 2.0, 2 x Mini PCIe, 2 x COM, 1 x PCIe, Wide Range +9~36V DC-in, PICO Express® 2 x 80-pin connector
6. Operation Temperature: -20°C ~ 70°C

[Data Sheet \(PDF\)](#)

◆ Pico Express® Extension Evaluation Board

LEX **DK series** extension evaluation boards help customers evaluate the features and performance of Pico Express® M/Bs 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.

Evaluation Carrier Board DK001



DK001 Spec:

- Form Factor: 3.5" (145 x 102 mm)
- 4 x Mini PCIe
- 4 x SIM card holder
- 1 x USB 3.0/2.0, 5 x USB 2.0
- 1 x DVI-D, 1 x VGA
- 2 x RJ45
- 4 x COM (w/21385PW) ; 2 x COM (w/21847PW)

[Data Sheet \(PDF\)](#)

Evaluation Carrier Board DK002



DK002 Spec:

- Form Factor: 3.5" (145 x 102 mm)
- 2 x Mini PCIe
- 2 x SIM card holder
- 1 x USB 3.0/2.0, 4 x USB 2.0
- 1 x HDMI, 1 x VGA
- 2 x RJ45
- 4 x COM (w/21385PW) ; 2 x COM (w/21847PW)

[Data Sheet \(PDF\)](#)

Evaluation Carrier Board DK005



DK005 Spec:

- Form Factor: LEX STB (200 x 150 mm)
- 4 x Mini PCIe
- 2 x SIM card holder
- 1 x USB 3.0/2.0, 4 x USB 2.0
- 1 x HDMI, 1 x VGA
- 9 x RJ45 (1 x GbE+8 x PoE)
- 4 x COM (w/21385PW) ; 2 x COM (w/21847PW)

[Data Sheet \(PDF\)](#)

Evaluation Carrier Board DK007



DK007 Spec:

- Form Factor: 102 x 97 mm
- 2 x Mini PCIe
- 2 x SIM card holder
- 1 x USB 3.0/2.0, 5 x USB 2.0, (2 x USB share with Mini-PCIe)
- 1 x VGA
- 2 x RJ45 (PoE)
- 4 x COM (w/21385PW) ; 2 x COM (w/21847PW)

[Data Sheet \(PDF\)](#)

Evaluation Carrier Board DV001/DV002



DV001 / DV002 Spec:

- Form Factor: 115 x 45 mm
- 1 x Mini PCIe
- 1 x SIM card holder
- 1 x USB 3.0/2.0, 4 x USB 2.0
- 1 x DVI-D, 1 x VGA
- 2 x RJ45
- 4 x COM (w/21385PW) ; 2 x COM (w/21847PW)

[Data Sheet \(PDF\)](#)

M12 IO Type Evaluation Carrier Board DM001



DM001 Spec:

- Form Factor: 154 x 102 mm
- 3 x Mini PCIe
- 2 x USB 2.0
- 1 x Micro SD card (push/push)
- 1 x VGA (M12)
- 1 x SIM card (push/push)
- 1 x mini HDMI
- 1 x Ethernet (M12)
- 4 x COM (1 x M12 , 3 x wafer)
- 4 x COM (w/21385PW) ; 2 x COM (w/21847PW)
- 8 x 10/100 Mbps.PoE (M12)

[Data Sheet \(PDF\)](#)

M12 IO Type Evaluation Carrier Board DM002

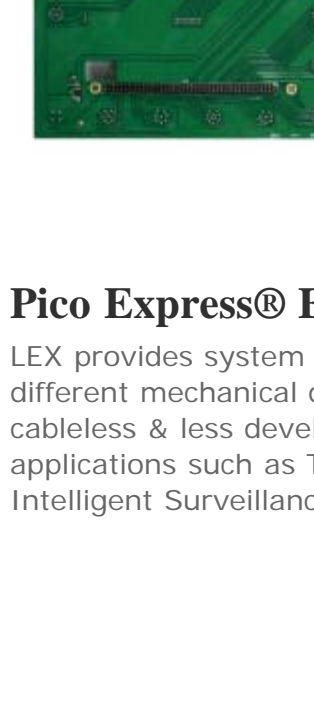


DM002 Spec:

- Form Factor: Pico-ITX 2.5" (102 x 73 mm)
- 1 x Mini PCIe
- 1 x SIM card (push/push)
- 1 x USB 3.0/2.0
- 1 x VGA (M12)
- 4 x USB 2.0 (2 x M12)
- 1 x mini HDMI
- 2 x Ethernet (M12)
- 4 x COM (2 x M12 , 2 x wafer)
- 4 x COM (w/21385PW) ; 2 x COM (w/21847PW)

[Data Sheet \(PDF\)](#)

M12 IO Type Evaluation Carrier Board DK003



DK003 Spec:

- Form Factor: 3.5" (145 x 102 mm)
- 1 x USB 3.0/2.0, 6 x USB 2.0
- 1 x HDMI, 1 x VGA
- 2 x Ethernet
- 4 x COM (w/21385PW) ; 2 x COM (w/21847PW)

[Data Sheet \(PDF\)](#)

◆ Pico Express® Extension Chassis

LEX provides system solution for Pico Express® SBC & DK series boards. With different mechanical design chassis, system integrators will have the benefits of cableless & less development time and cost via applying the solution to different applications such as Transportation, Factory Automation, Digital Signage and Intelligent Surveillance systems.



Embedded Fanless Systems for Pico Express® board-to-board solution



For more product information or pricing, please contact our sales representative as below based on your location:

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