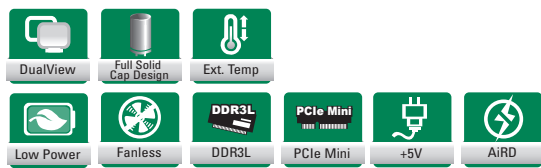


# PICO317 NEW

Pico-ITX SBC with Intel® Atom® x5-E3940 Processor, HDMI, LVDS, GbE LAN and Audio

## Features

- Intel® Atom® x5-E3940 processor
- 1 DDR3L SO-DIMM for up to 8GB of memory
- 2 USB 2.0 and 3 USB 3.0
- 1 PCI Express Mini Card slot with mSATA supported



### Core System

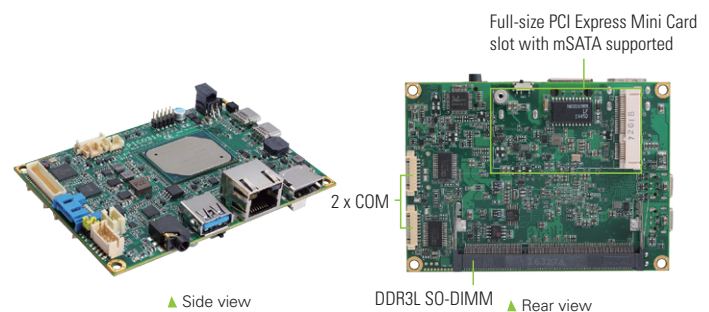
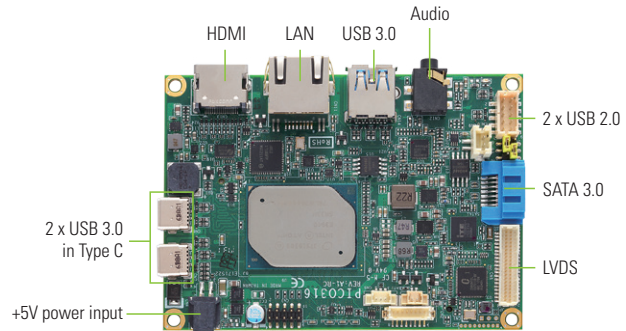
|                       |                                                                              |
|-----------------------|------------------------------------------------------------------------------|
| CPU                   | Intel® Atom® x5-E3940 Processor onboard                                      |
| System Memory         | 1 x 204-pin DDR3L-1867 SO-DIMM, up to 8GB                                    |
| Chipset               | SoC integrated                                                               |
| BIOS                  | AMI                                                                          |
| SSD                   | N/A                                                                          |
| Watchdog Timer        | 65536 levels, 1 to 65535 sec.                                                |
| Expansion Interface   | 1 x Full-size PCI Express Mini Card slot with mSATA supported                |
| Battery Lithium       | Lithium 3V/220 mAh                                                           |
| Power Input           | 2 x 2-pin connector<br>+5V DC-in only<br>AT Auto Power On function supported |
| Power Requirements    | TBD                                                                          |
| Dimensions            | 100 x 72 mm                                                                  |
| Board Thickness       | 1.6 mm                                                                       |
| Operating Temperature | -40°C to +70°C (-40°F to +158°F)                                             |
| Humidity              | 10% to 95% relative humidity, non-condensing                                 |

### I/O

|                     |                                                                                       |
|---------------------|---------------------------------------------------------------------------------------|
| SATA                | 1 x SATA-600                                                                          |
| Hardware Monitoring | Detect CPU/system temperature and voltage                                             |
| Ethernet            | 1 x 10/100/1000 Mbps Ethernet with Intel® i211-AT; supports Wake-on-LAN, PXE Boot ROM |
| Audio               | HD Codec audio as Line-out with Realtek ALC662                                        |
| USB                 | 2 x USB 2.0<br>3 x USB 3.0                                                            |
| Serial              | 2 x RS-232                                                                            |
| TPM                 | N/A                                                                                   |
| SMBus               | Yes; compatible with i°C                                                              |
| Digital I/O         | N/A                                                                                   |

### Display

|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Chipset           | Intel® integrated Gfx graphic engine                |
| Memory Size       | Share system memory                                 |
| Display Interface | 1 x HDMI<br>1 x LVDS; 18/24-bit single/dual channel |



### Packing List

| Accessories  |                       |
|--------------|-----------------------|
| 594H3160400E | Power cable, L=100 mm |

### Ordering Information

| Standard              |                                                                                                                                                      |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| PICO317HGA-E3940      | Pico-ITX SBC with Intel® Atom® x5-E3940 processor (1.6 - 1.8 GHz, 2MB cache, 9.5W), HDMI, LVDS, GbE LAN, 3 USB 3.0, and 2 USB 2.0 (without heatsink) |
| Optional              |                                                                                                                                                      |
| PICO317HGA-E3940 70°C | Pico-ITX SBC with Intel® Atom® x5-E3940 processor (1.6 - 1.8 GHz, 2MB cache, 9.5W), HDMI, LVDS, GbE LAN, 3 USB 3.0 and 2 USB 2.0 with heatsink       |
| 59380880250E          | COM port cable DB9-9 x 1P, P=1.25, L=250 mm                                                                                                          |
| 594H3160410E          | Power cable for adapter, L=100 mm                                                                                                                    |
| 7128H316000E          | Heatspreader                                                                                                                                         |
| 5090BE26000E          | 5V/8A 40W adapter, 4-pin plug with lock                                                                                                              |