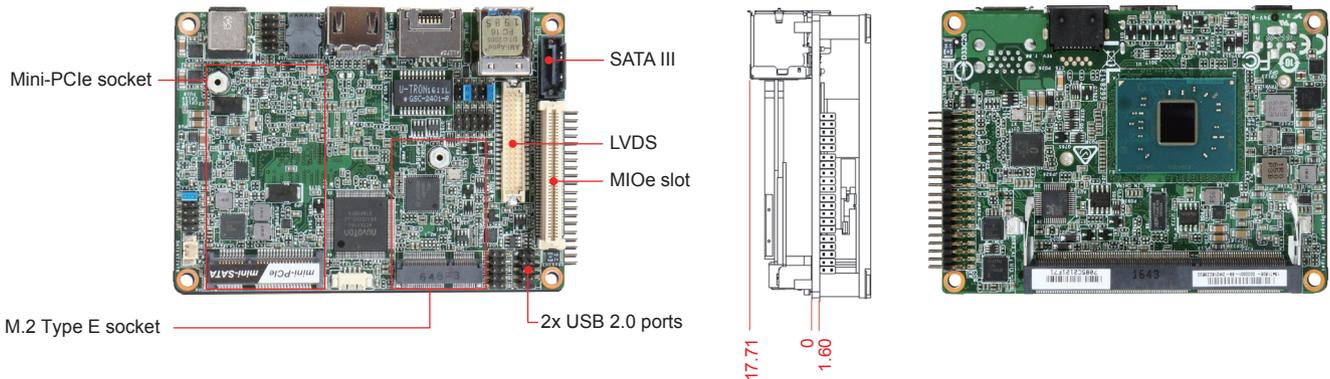


# PICO-6260

Intel® Celeron® N3350 Processor based PICO-ITX Embedded Board with DDR3L SDRAM, Gigabit Ethernet, HDMI, LVDS, mini-PCIe socket and 12V



Portwell's PICO-6260 is a palm-sized fan-less PICO-ITX motherboard built with the 14nm Intel® Celeron® processor N3350 (codenamed Apollo Lake SoC).

The support of USB 3.0 port ensures fast data transmission with low-power consumption, and two COM ports enables quick and flexible system expansion. Moreover, it features the Intel® I211AT Gigabit Ethernet controller providing GbE LAN access via a RJ45 port. Portwell's PICO-6260 is an ideal building block for customers to design their own unique systems with flexibility.

## GENERAL

|                     |   |
|---------------------|---|
| Processor           | BGA1296 for Intel® Celeron® N3350 SoC Processor                                 |
| Chipset             | N/A   |
| BIOS                | AMI UEFI BIOS   |
| Memory              | Support up to 8GB DDR3L 1333/1600/1866 MH/z SDRAM on one 204 pin SO-DIMM socket |
| Storage Devices     | One SATA III port   |
| Watchdog Timer      | Programmable watchdog timer, time out period from 1 sec to 255 secs.            |
| Hardware Monitoring | - Temperature (CPU & System)<br>- Voltage (CPU Vcore, 12V, 5V, 3.3V, 1.35V)     |
| Expansion Interface | 1x mini-PCIe socket (support mSATA)<br>1x M.2 Type E slot                       |

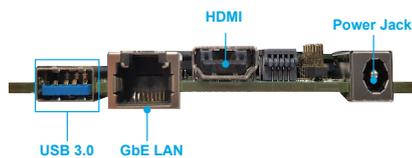
## FEATURES

- Intel® Celeron® N3350 processor (Apollo Lake)
- DDR3L-1866/1600 non-ECC memory on one SO-DIMM slot, up to 8GB
- HDMI and Dual channel 24bit LVDS
- Mini-PCIe / mSATA ( Mini-PCIe slot), and M.2 Key E socket
- 2x COM ports (COM1 supports RS-232/422/485, COM2 supports RS-232)

## I/O INTERFACE

|             |   |
|-------------|---|
| Super I/O   | N/A   |
| Audio       | - High Definition Audio integrated in Intel® SoC<br>- Supports Line-out on board pin header |
| Ethernet    | - Single Intel® I211AT GbE controller<br>- 1x RJ45 connectors on rear I/O                   |
| Serial Port | - 1x RS-232/422/485 with on board pin header<br>- 1x RS-232 with on board pin header        |
| USB         | - 1x USB 3.0 ports on rear I/O<br>- 2x USB 2.0 ports on board with pitch 2.0 header         |
| GPIO        | 8-bit configurable controlled by embedded controller  |

## REAR I/O



## DISPLAY

|                    |  |
|--------------------|--|
| Graphic Controller | - Intel® Gen 9 Graphics supports DirectX 12, OpenGL 4.2 / OpenCL 2.0<br>- Video decode HW acceleration support for H.264, H.265, MPEG2, VC-1/WMV9, JPEG, VP8, and VP9" |
| Display Interface  | - LVDS: dual channel 24bit LVDS on board connector, up to 1920x1200<br>- HDMI: on board connector, resolution up to 3840 x2160   |

## ORDERING GUIDE

|                 |  |
|-----------------|--|
| <b>AB1-3F84</b> | (R).PICO-6260<br>Intel® Celeron® N3350 SoC on Board.EBC.<br>w/DDR3L/HDMI/GbE/COM/Audio/USB |
|-----------------|--|

## Mechanical & Environment

|              |  |
|--------------|--|
| Dimension    | 100(L) x 72(W) mm; 3.9"(L) x 2.8"(W)   |
| Power Supply | DC 12V input   |
| Environment  | - Operation Temperature: 0°C to 60°C<br>- Storage Temperature: -40°C to 85°C<br>- Relative Humidity: 5% to 95%, non-condensing |
| MTBF         | Over 120,000 hours at 40°C   |

