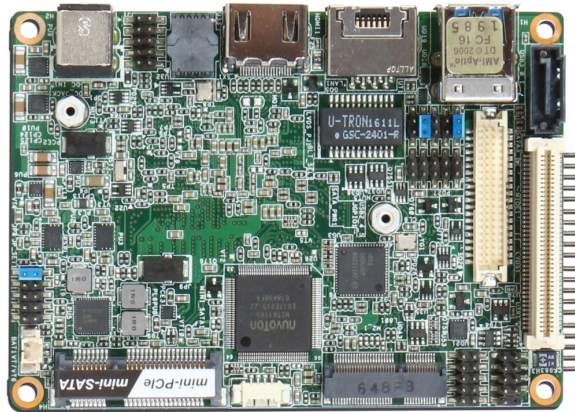


# PICO-6260



The PICO-6260 is a palm-sized fanless pico-ITX motherboard built with the latest 14 nm Intel® Pentium or Celeron® processor (codename: Apollo Lake SoC).

Support for one USB 3.0 ports ensures fast data transmission with low-power consumption and support two com port to allow quick and flexible system expansions. Intel® I210IT Gigabit Ethernet controllers provide dual Gigabit Ethernet LAN access via the one RJ45 ports. PICO-6260 can design their own unique systems for Panel PC, Kiosk and Digital Signage applications.

## FEATURES

- Supports Intel® Apollo Lake series processor
- Supports DD3L-1866/1600 non-ECC SDRAM on one SO-DIMM slots, up to 8GB
- Supports HDMI, and Dual channel 24bit LVDS
- Supports Mini-PCIe / mSATA ( Mini-PCIe slot), and M.2 Type E socket
- Supports 2\*COM ports(COM1 supports RS-232/422/485,COM2 supports RS-232)

## ORDERING GUIDE

<b>AB1-3F84</b>	(R).PICO-6260. Intel Apollo Lake SoC on Board.EBC. w/DDR3L/HDMI/GbE/COM/Audio/USB
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### GENERAL

Processor	BGA1296 for Intel® Atom® Apollo lake SoC Processor
Chipset	-
BIOS	AMI uEFI BIOS
Memory	Support up to 8GB DDR3L 1333/1600/1866 MH/z memory 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) Voltage (CPU Vcore,12V, 5V, 3.3V, 1.35V)
Expansion Interface	One mini-PCIe socket (support mSATA) One M.2 Type E socket

### I/O INTERFACE

Super I/O	NTC6116D
Audio	High Definition Audio integrated in Intel® SoC Supports Line-out on board pin header
Ethernet	Intel® I210IT GbE controller 1x RJ45 connectors on rear I/O
Serial Port	1x RS-232/422/485 with on board pin header 1x RS-232 with on board pin header
USB	1x USB 3.0 ports on rear I/O 2x USB 2.0 ports on board with pitch 2.0 header
Keyboard & Mouse	-
GPIO	8-bit configurable controlled by embedded controller
Others	-

### DISPLAY

Graphic Controller	Intel® Gen 9 Graphics supports DirectX 12, OpenGL 4.2 / OpenCL 2.0 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 HDMI: on board connector, resolution up to 3840 x2160

### 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 Storage Temperature: -40°C to 85°C Relative Humidity: 5% to 95%, non-condensing
MTBF	Over 100,000 hours at 40°C

