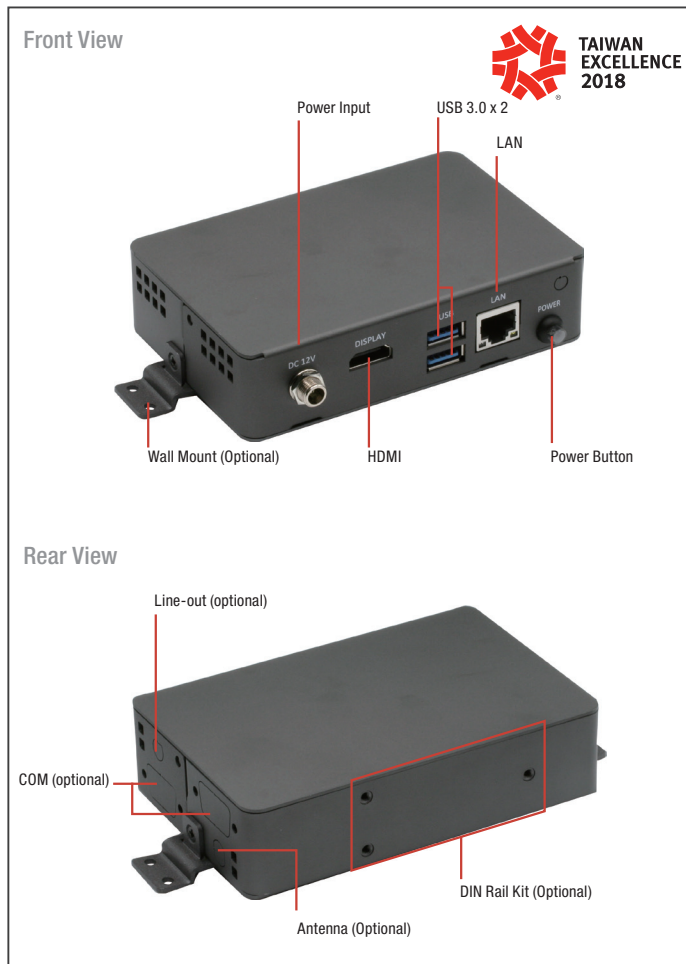


## Pico-ITX Embedded Barebone Kit with Intel® Atom™ Processor SoC



## Features

- 180g Extreme Light System, Easy To Adapter Everywhere
- Gigabit Ethernet for Networking Connection
- USB3.0 Connectivity
- HDMI
- M.2 2280 (B) M.2 2230 (E) Slot for WiFi/3G/4G Bluetooth Module
- Fix Holes for Antenna, Wallmount, DIN-Rail Kit Optional
- Lockable 12V DC Input



I/O	
Storage/SSD	eMMC 32/64GB, up to 128GB (optional) M.2 2280 x 1 (B Key) SATA III 6.0Gb/s x 1, 5V/12V Power reserved
Ethernet	Realtek 8111G x 1, 10/100/1000 Base-TX
USB Port	USB 3.0 x 2 Rear IO
Serial Port	Optional
Audio	Optional
Expansion Slot	M.2 2230 x 1 (E-Key: PCI-E x 1, USB 2.0) M.2 2280 x 1 (B-Key: SATA, USB 2.0)

## Packing List

- PICO-APL3-SEMI

## Specifications

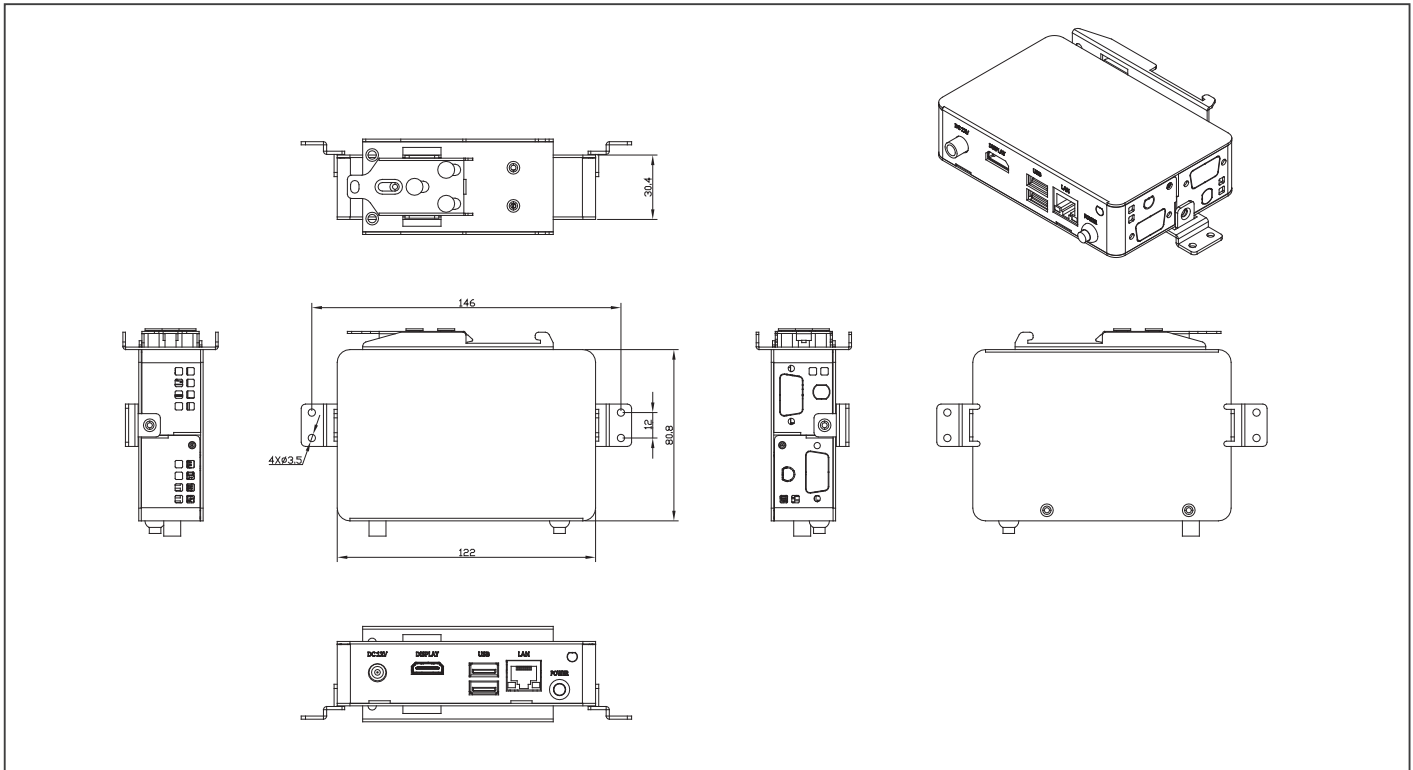
System	
Processor	Intel® Pentium® N4200 (4C, 1.1 GHz, up to 2.5 GHz, TDP 6W) Intel® Celeron® N3350 (2C, 1.1 GHz, up to 2.4 GHz, TDP 6W)
CPU Frequency	Up to 2.5 GHz
Chipset	Intel® Pentium® N4200, Celeron® N3350
Memory Type	On board DDR3L 2GB/4GB
Max. Memory Capacity	Up to 4GB
BIOS	AMI/SPI
Wake On LAN	Yes
Watchdog Timer	255 Level
Power Requirement	+12V, AT/ATX
Power Supply Type	Lockable
Power Consumption	N4200 @ 4GB DRAM/eMMC 32GB, 12V @1.1A (Full Loading)
Mechanical	
Dimension	4.8" x 3.15" x 1.18" (122 x 80 x 30 mm) Heatsink (optional), 14mm
Gross Weight	180g
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C), 0.5 m/s air flow
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Certification	CE,FCC

## Optional Accessories

Part Number	Description	Qty.
125530040C	40W AC to DC Power Adapter	1
1702031802	Power Cord (US Type)	1
1702031803	Power Cord (European Type)	1
170203180E	Power Cord (Japan Type)	1
1701090122	COM Port Cable	2
1703100084	Audio Line-Out	1
9761SEMI00	Wallmount Kit	1
9761SEMI01	DIN-Rail Kit	1

## Dimension

Unit: mm



## Installation Scenario

DIN-Rail Mount Illustration



Wall Mount Illustration



DIN Rail and Wall Mount Kit are optional parts.

## Ordering Information

Part Number	CPU	Memory	Thermal	Display	Storage	LAN	USB	Expansion Slot	Power	Power Temp	Others
PICO-APL3-SEMI-A10-S001	Celeron® N3350 (Dual Core)	On board DDR3L 2GB	Fanless	HDMI x 1	SATAIII x 1 M.2 2280 (B Key) x 1 eMMC 32GB	GbE x 1	USB 3.0 x 2 (Rear)	M.2 2230 (E Key) x 1	+12V (ATX)	0°C ~ 50°C @ 0.5 m/s airflow	COM (Optional) Line-Out (Optional)
PICO-APL3-SEMI-A10-S002	Celeron® N3350 (Dual Core)	On board DDR3L 4GB	Fanless	HDMI x 1	SATAIII x 1 M.2 2280 (B Key) x 1 eMMC 32GB	GbE x 1	USB 3.0 x 2 (Rear)	M.2 2230 (E Key) x 1	+12V (ATX)	0°C ~ 50°C @ 0.5 m/s airflow	COM (Optional) Line-Out (Optional)
PICO-APL3-SEMI-A10-S003	Pentium® N4200 (Quad Core)	On board DDR3L 4GB	Fanless	HDMI x 1	SATAIII x 1 M.2 2280 (B Key) x 1 eMMC 32GB	GbE x 1	USB 3.0 x 2 (Rear)	M.2 2230 (E Key) x 1	+12V (ATX)	0°C ~ 50°C @ 0.5 m/s airflow	COM (Optional) Line-Out (Optional)