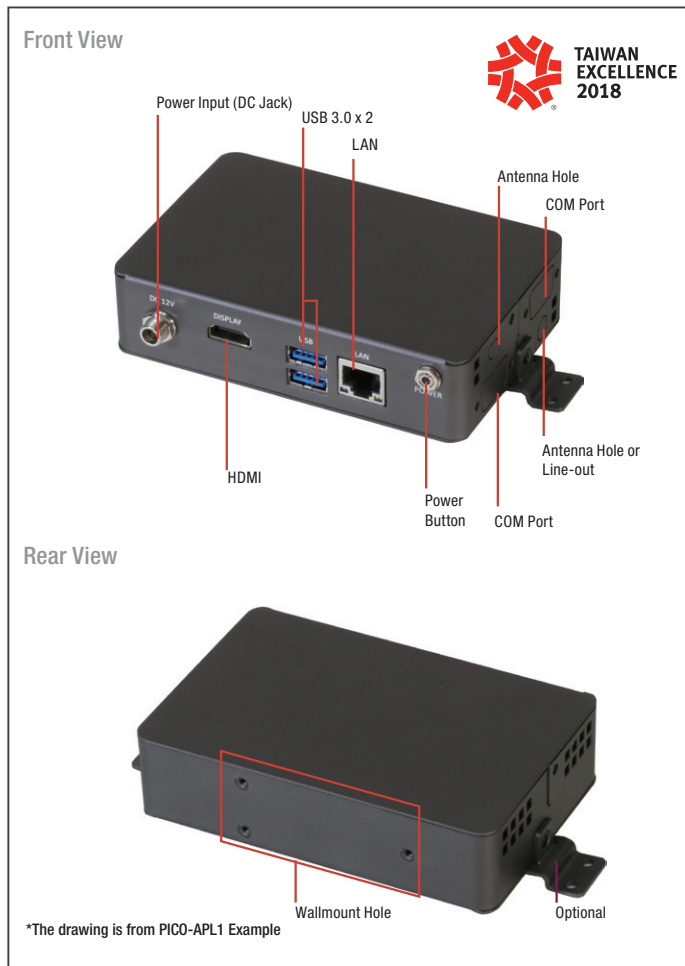


Pico-ITX Embedded Barebone Kit with Intel® Atom™ Processor SoC



Features

- Gigabit Ethernet Port for Industrial Network Appliance
- USB 3.0 Port Connectivity
- HDMI
- Seamless Communication for WiFi, 3G, 4G, GPS, Bluetooth Module
- 12V DC Input (Use DC Jack)
- Antenna Hole, Wallmount, DIN-Rail Mount Reserved (Optional)
- Easy to Assemble via Aluminum Symmetric Enclosure



Packing List

- Power Button Cable
- Pico-ITX CPU Board
- Product DVD
- PICO-SEMI Chassis

Optional Accessories

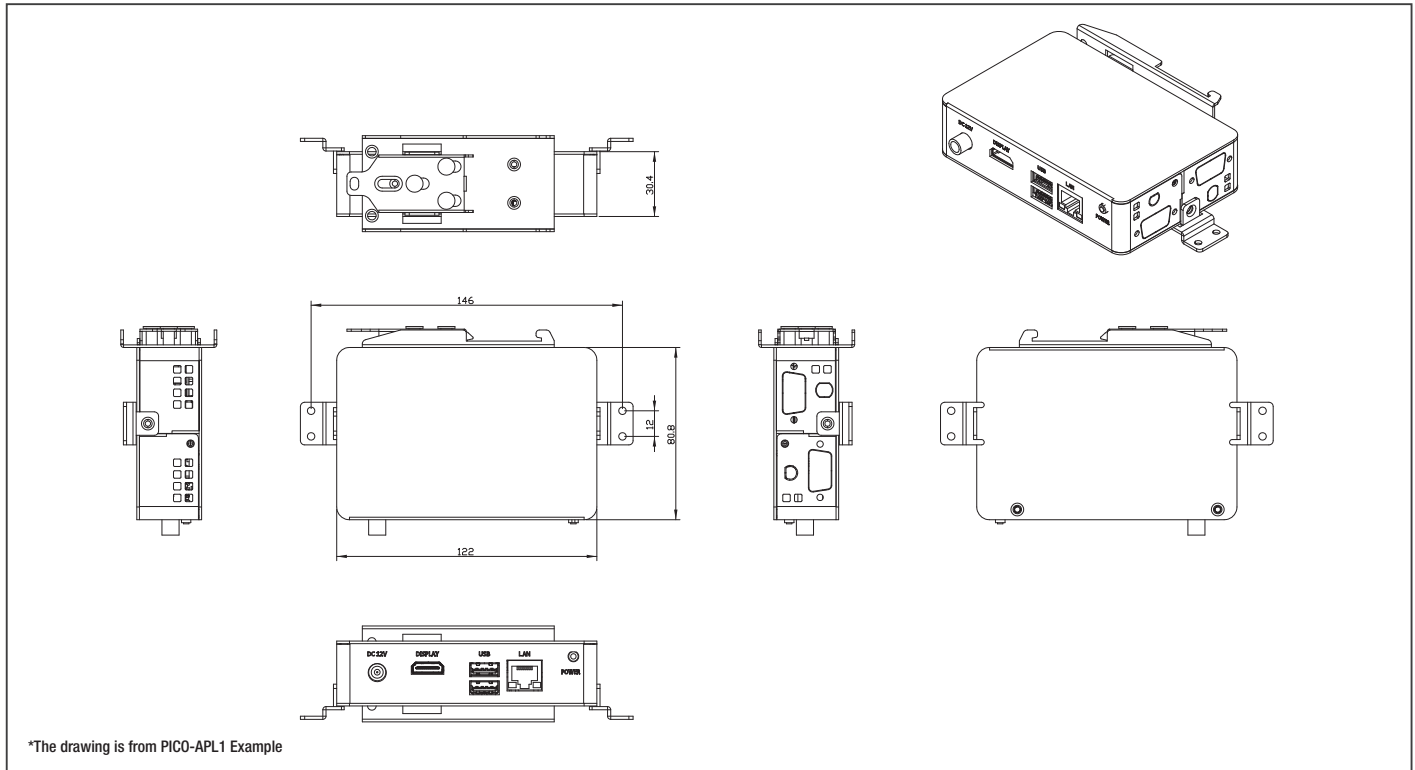
Part Number	Description	Qty.
1255300401	40W AC to DC Power Adapter	1
1702031802	Power Cord (US Type)	1
1702031803	Power Cord (European Type)	1
170203180E	Power Cord (Japan Type)	1
PICO-SEMI-HSK01-A10	Heatsink	1
1703200155	COM Port x 2 Cable (With Line-out)	1
1703200156	COM Port x 2 Cable (Without Line-out)	1
968C016G0V	SATA DOM 16GB (0°C ~ 70°C)	1
PICO-SEMI-WM01-A10	Wallmount Kit	1
PICO-SEMI-DR01-A10	DIN-Rail Mount Kit	1

Specifications

System	
CPU	PICO-APL1: N3350 (2C, 1.1GHz, up to 2.3GHz, TDP 6W) PICO-APL3 N3350 (2C, 1.1GHz, up to 2.3GHz, TDP 6W)
Chipset	Intel® System on Chip
Memory Type	DDR3L SODIMM x 1, up to 8GB for PICO-APL1 Onboard DDR3L 2/4GB for PICO-APL3
Display Interface	PICO-APL1: HDMI PICO-APL3: HDMI
Storage Device	mSATA x 1 (Full size) SATA Port x 1 (Prefer SATA DOM)
Expansion	mSATA/Mini-PCIe x 1 (Optional: Mini-PCIe, full size) Mini-PCIe x 1 (Half size)
Power Requirement	12V with lockable DC Jack
Mechanical	
Mounting	Wallmount (optional mounting kit) DIN-Rail (optional mounting kit)
Dimension	4.8" x 3.15" x 1.18" (122mm x 80mm x 30mm)
Gross Weight	0.77 lb (0.35 kg) (CPU board and Chassis)
Net Weight	—
Environment	
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C),
Storage Temperature	14°F ~ 140°F (-10°C ~ 60°C)
Storage Humidity	95% @ 50°C, non-condensing
Anti-Vibration	—
Certification	CE/FCC Class A

Dimension

Unit: mm



Installation Scenario

DIN-Rail Mount Illustration



Wall Mount Illustration



Ordering Information

Part Number	CPU	RAM	Fan/Fanless	Display	Storage	LAN	USB (Rear I/O)	RS-232	RS-232/422/485	Expansion Slot	Power	Temp.	Others
PICO-APL1-SEMI-0001	Celeron® N3350 (Dual Core)	DDR3L (Max. 8GB)	Fanless	HDMI	SATA 6.0Gb/s x 1, mSATA/Mini Card x1 (Full Size)	GbE x 1	USB 3.0 x 2	—	—	Mini Card x1 (Half Size)	+12V (ATX)	32°F ~ 122°F (0°C ~ 50°C)	COM Port (Optional) Line-out (Optional)
PICO-APL3-SEMI-0001	Celeron® N3350 (Dual Core)	Onboard DDR3L 2GB	Fanless	HDMI	eMMC 32GB, SATA 3.0 x 1 M.2 B-key 2280	GbE x 1	USB 3.0 x 2	—	—	M.2 E-Key 2230	+12V (ATX)	32°F ~ 122°F (0°C ~ 50°C)	COM Port (Optional) Line-out (Optional)

* COM features optional by cable.

* Operating Temperature 0°C ~ 50°C@0.5m/s Air-Flow