

# MEVA-3110 Series

Machine Vision Computer with Intel® 9<sup>th</sup> / 8<sup>th</sup> Gen Core™ i7/i5/i3 Processor

## Applications

- Machine Vision
- Quality Inspection / defect detection
- Factory Automation
- Surveillance / Video Analytics
- Motion Control

## Features

- Supports Intel® 9<sup>th</sup> / 8<sup>th</sup> Gen Core™ 35W LGA 1151 CPU
- IEEE 802.3at PoE+, up to 25.5W DC Power to Device
- GbE Supports Wake-on-LAN and PXE
- Cable-free and Jumper-less Design to Enhance Reliability
- Supports VGA, DVI, and DP
- Modular Expandable PCIe Box
- 9~48V DC Input with Power Ignition Function
- -40°C ~ 70°C Wide Operating Temperature



## Ordering Information

Part No.	Description
MEVA-3110	Intel® 9 <sup>th</sup> /8 <sup>th</sup> Core™ i LGA1151 CPU, Q370 Fanless Box PC, 6 x USB3.2, 2x USB2.0, 6 x RS232/422/485, 3 x GbE, 1 x DP, 1 x VGA, 1 x DVI-D, 4 x Flexible I/O Window Slots, 4 x Removable 2.5" SATA SSD, DC 9~48V, Terminal Block Connector
MEVA-3111	Intel® 9 <sup>th</sup> /8 <sup>th</sup> Core™ i LGA1151 CPU, Q370 Fanless Box PC, 6 x USB3.2, 2x USB2.0, 6 x RS232/422/485, 3 x GbE, 1 x DP, 1 x VGA, 1 x DVI-D, 4 x Flexible I/O Window Slots, 4 x Removable 2.5" SATA SSD, DC 9~48V, Terminal Block Connector Expansion Box of 1 x PCIe x16 Slot or 1 x PCI Slot
MEVA-3112	Intel® 9 <sup>th</sup> /8 <sup>th</sup> Core™ i LGA1151 CPU, Q370 Fanless Box PC, 6 x USB3.2, 2x USB2.0, 6 x RS232/422/485, 3 x GbE, 1 x DP, 1 x VGA, 1 x DVI-D, 4 x Flexible I/O Window Slots, 4 x Removable 2.5" SATA SSD, DC 9~48V, Terminal Block Connector Expansion Box of 1 x PCIe x16 Slot and PCIe x8 Slot (4-lane) or 2 x PCI Slots

## Packing List

Description
1 x MEVA-3110 series
1 x Wall Mount Kit

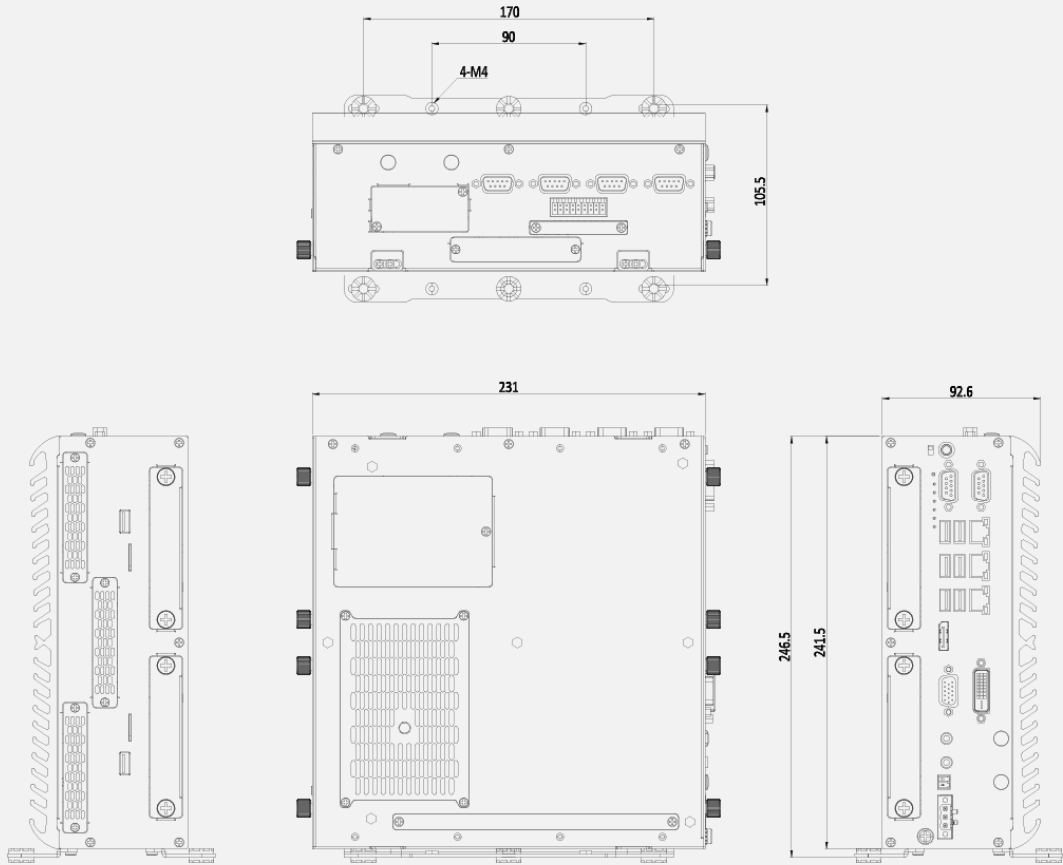
## Optional Items

Part No.	Description
AWD-4G003	4G(LTE) EG25-G + 2 Antennas, Full Size (for Global)
AWD-4G004	4G(LTE) EC25EFA + 2 Antennas, Full Size (for Europe/Taiwan/China/Hong Kong)
AWD-WF003	Wi-Fi 802.11 a/b/g/n/ac/BT4.0 (2T2R) + 2 Antennas (Dual Band), Half Size
i7-9700TE	Intel® Core™ i7-9700TE (8-core, up to 3.8 GHz, 35W TDP)
i5-9500TE	Intel® Core™ i5-9500TE (6-core, up to 3.6 GHz, 35W TDP)
i7-8700T	Intel® Core™ i7-8700T (6-core, up to 4.0 GHz, 35W TDP)
i5-8500T	Intel® Core™ i5-8500T (6-core, up to 3.5 GHz, 35W TDP)
i3-8100T	Intel® Core™ i3-8100T (4-core, up to 3.1 GHz, 35W TDP)
55000-0023-M5	Adapter AC/DC 24V 5A 120W with 3-pin Terminal Block Plug 5.0mm Pitch
55000-0024-M5	Adapter AC/DC 24V 9.2A 220W with 3-pin Terminal Block Plug 5.0mm Pitch
30100-0003-CA	Power Cord, 3-pin US Type, 180 cm
30101-0005-CA	Power Cord, 3-pin EU Type, 180 cm
5E400-0004-AV	External Fan Module Kit for MEVA (MERA) Series (92 x 92 x 25 mm)
EA-VA3110x-4LANxx-0010	Internal 4LAN Module Kits for MEVA-3110/MERA-3110
EA-VA3110x-4LAPOE-0010	Internal 4LANPOE Module Kits for MEVA-3110/MERA-3110
EA-VA3110x-4LM12x-0010	Internal 4LAN M12 Module Kits for MEVA-3110/MERA-3110
EA-VA3110x-4LMPOE-0010	Internal 4LANPOE M12 Module Kits for MEVA-3110/MERA-3110
EB-VA3110x-1Pxxxx-0011	MEVA-3110 Series Expansion Box with 1 x PCI Slot
EB-VA3110x-2Pxxxx-0011	MEVA-3110 Series Expansion Box with 2 x PCI Slots
EB-VA3110x-3Pxxxx-0011	MEVA-3110 Series Expansion Box with 3 x PCI Slots
EB-VA3110x-1E16xx-0011	MEVA-3110 Series Expansion Box with 1 x PCIe x16 Slot
EB-VA3110x-1E41E6-0011	MEVA-3110 Series Expansion Box with 1 x PCIe x16 Slot and 1 x PCIe x8 Slot (4-lane)
EB-VA3110x-2E41E6-0011	MEVA-3110 Series Expansion Box with 1 x PCIe x16 Slot and 2 x PCIe x8 Slots (4-lane)

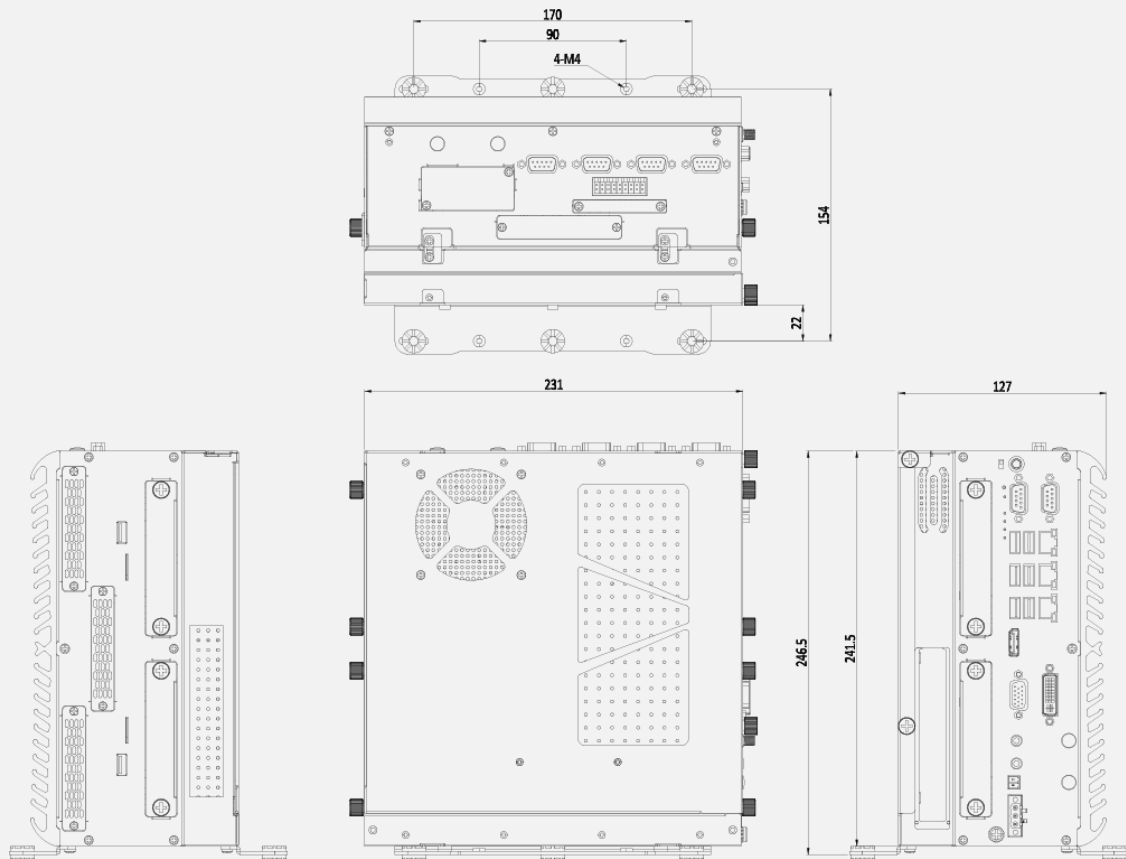
## Specifications

Model	MEVA-3110	MEVA-3111	MEVA-3112
Processor System	CPU		
	System Chipset		
	BIOS		
	TPM		
Memory	Technology		
	Max. Capacity		
	Socket Type		
Display	Graphics Engine		
	Multiple Display		
	VGA		
	DP		
	DVI-D		
I/O Interface	USB		
	Serial Port		
	Ethernet		
	PoE+		
	Audio		
	GPIO/DIO		
	Antenna Hole		
	CMOS Battery		
	Flexible I/O Window Slot		
Storage	2.5" SSD		
	mSATA		
	CFast		
	RAID		
Expansion	Mini-PCIe		
	PCI / PCIe		
	SIM Holder		
	Power Mode		
Power	Power Supply Voltage		
	Power Connector Type		
	Protection		
	Car Mode		
	Type		
Environment	Operating Temperature		
	Storage Temperature		
	Humidity		
	Vibration		
	Shock		
General	Certification		
	Thermal Dissipation		
	Material		
	Dimensions (W x D x H)		
	Net Weight		
	Operating System		

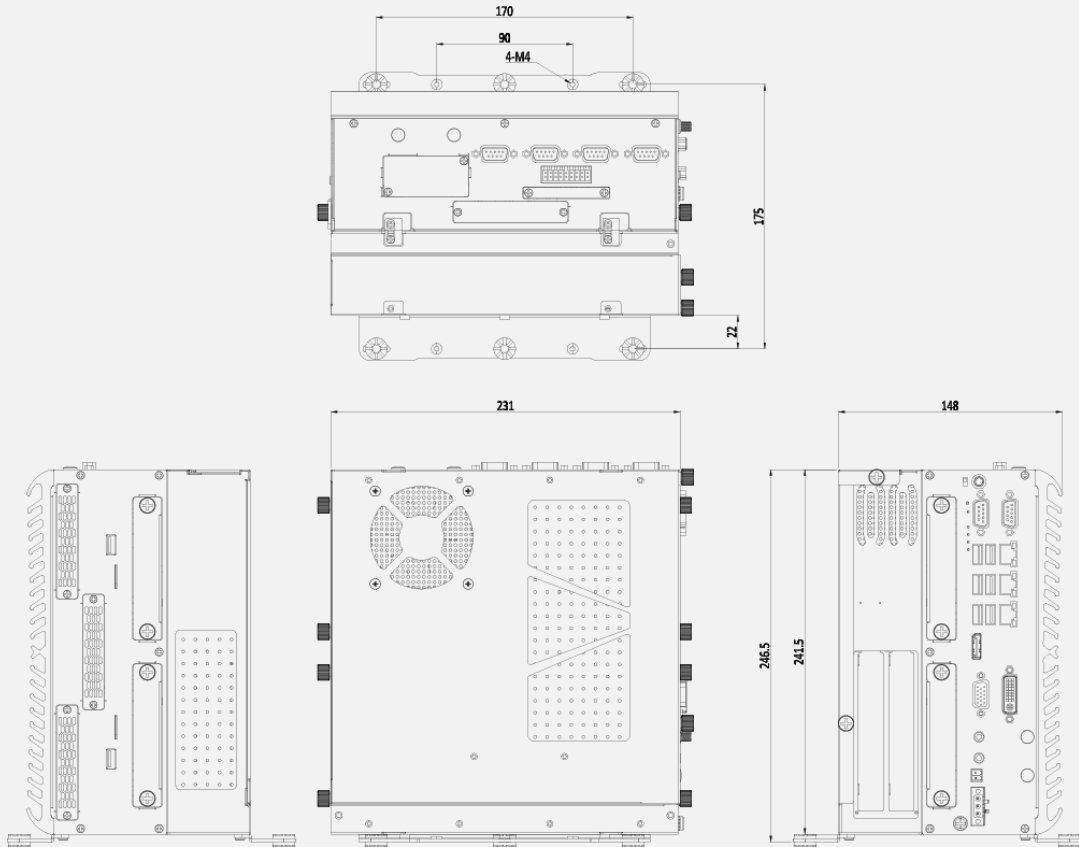
## Dimensions MEVA-3110



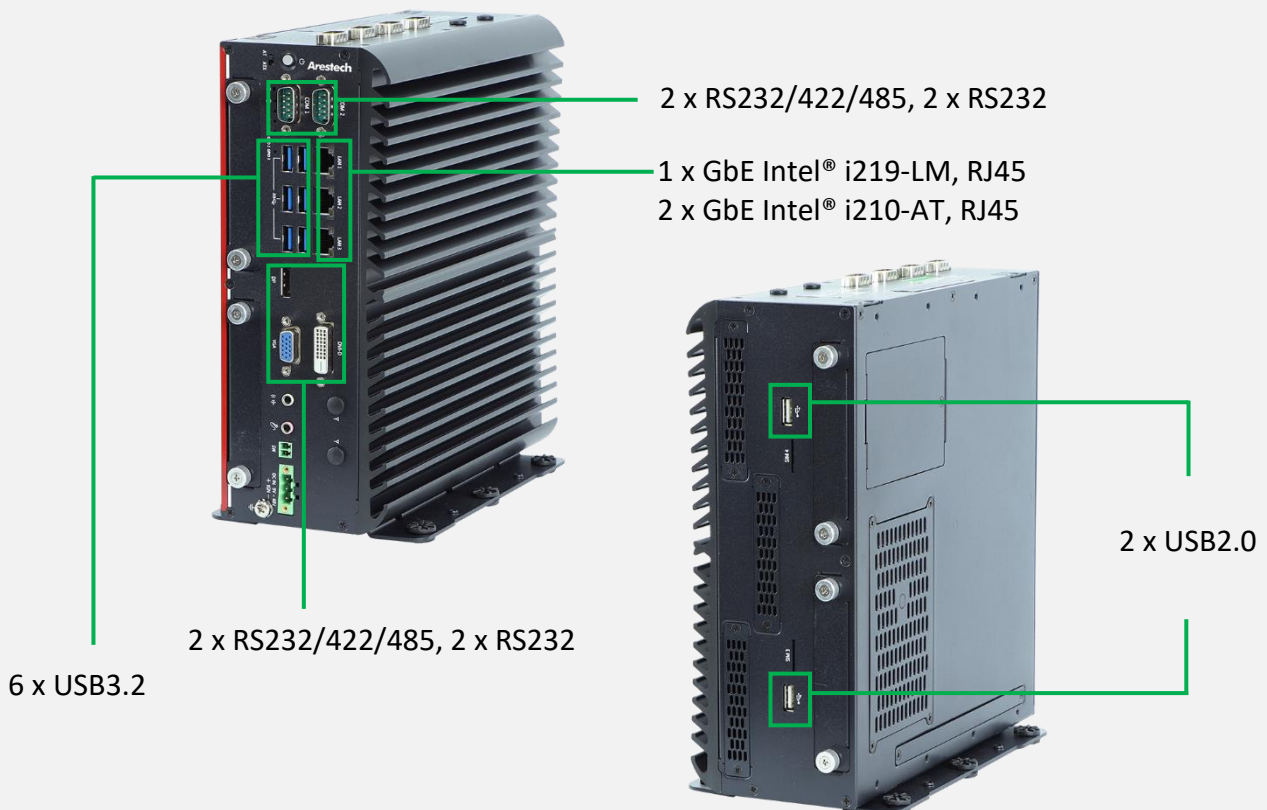
## Dimensions MEVA-3111



## Dimensions MEVA-3112



## Viewing MEVA-3110



## Viewing MEVA-3111

Expansion Box: 1 x PCI Slot  
1 x PCIe x16 Slot



## Viewing MEVA-3112

Expansion Box: 2 x PCI Slots  
1 x PCIe x16 Slot  
1 x PCIe x8 Slot (4-lane)

