

# i3/i5/i7 BOX PC

CM-NB3011



CM-NB5011



CM-NB7011



## FEATURES

- High-speed fanless CPU.
- Strong noise immunity.
- Standard din-rail support.
- Extended operating temperature.
- All certification approval including UL.
- WiFi/BT combo module available upon request.
- Reliable performance by fanless CPU design in harsh environment.
- UWF/Winclon for secured restoration.



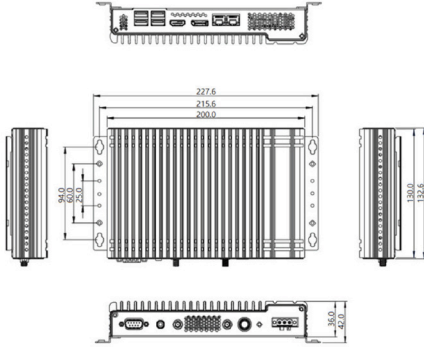
## FUNCTIONAL

CIMON Part Number	CM-NB3011-D	CM-NB5011-D	CM-NB7011-D
<b>CPU</b>	11th Intel® Core™ i3-1115G4E Dual Core, 2.2 GHz, 6M Cache (15W)	11th Intel® Core™ i5-1145G7E Quad Core, 1.5 GHz, 8M Cache (15W)	11th Intel® Core™ i7-1185G7E Quad Core, 4.4 GHz, 12M Cache (15W)
<b>Memory</b>	DDR4 SO-DIMM 8 GB (Max. 32 GB)		
<b>Graphic</b>	Intel® UHD graphics	Intel® Iris® Xe graphics	Intel® Iris® Xe graphics
<b>Storage</b>	1 X M.2 2280 Key M 250 GB (PCIe x4 only)		
<b>Display Ports</b>	1 x DP++, 4096 x 2304 @ 60Hz 1 x HDMI 2.0, 4096 x 2160 @ 60Hz		
<b>Serial</b>	1 x RS-232/RS422/RS485		
<b>Ethernet</b>	2 x RJ45 Gigabit (10/100/1000 BaseTX)		
<b>USB</b>	4 x USB 3.0		
<b>Audio</b>	1 x Line-out		
<b>OS</b>	Windows 10 IoT Enterprise		
<b>Utility Program</b>	UWF / WinClon		
<b>Power Input</b>	24 VDC		
<b>Power Consumption</b>	20 W (Max. 50 W)		



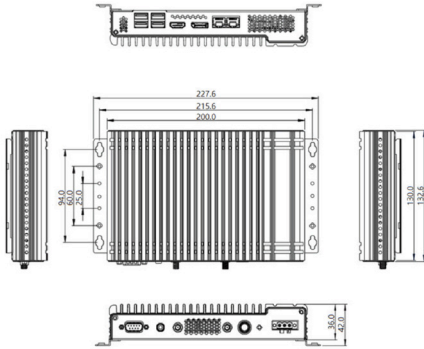
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## CM-NB3011



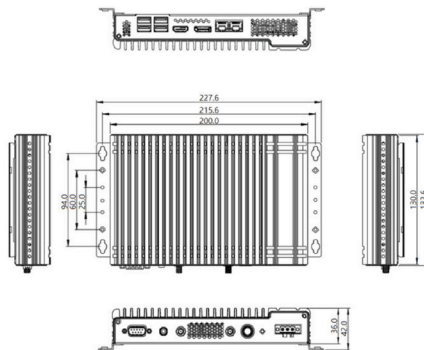
(Unit: mm)

## CM-NB5011



(Unit: mm)

## CM-NB7011



(Unit: mm)

## PHYSICAL

CIMON Part Number	CM-NB3011-D	CM-NB5011-D	CM-NB7011-D
Dimension (W X D X H)	227.6 x 132.6 x 42.0 mm (9.0 x 5.2 x 1.7 in)		
Weight	1.27 kg (2.80 lb)		

## ENVIRONMENTAL

Item	Specification	Standards
Operating Temperature	-20 – + 60°C (-4 – +140°F)	-
Storage Temperature	-20 – + 80°C (-4 – +176°F)	-
Operating/Storage Relative Humidity	10 – 90% Non-condensing	-
Shock Resistance	147 m/s <sup>2</sup> (15 G), X,Y,Z directions for ±3 times (Total 18 times)	IEC/EN 61131-2
Vibration Resistance	5–9 Hz Single amplitude: 3.5 mm 9–150 Hz Fixed acceleration: 9.8 m/s <sup>2</sup> X,Y,Z directions for 10 cycles (approx. 100 min)	IEC/EN 61131-2
Noise Resistance	Impulse, EFT/Burst, Surge, ±2 kV, 1 μ	CIMON Standard
Static Discharge Resistance	4 kV - Contact Discharges 8 kV - Air Discharges	IEC 61000-4-2 IEC 61000-4-2

**CIMON**  
A U T O M A T I O N