



INDUSTRIAL COMPUTER

RCO-6000-KBL

Industrial Computer with 6th/7th Gen Intel® Core™ Processor



Features

- LGA 1151 socket for 6th/7th Gen. Intel® Core™ i7/i5/i3 Processor
- Intel® Q170 Chipset
- 2x 260-pin DDR4 SO-DIMM, up to 32GB
- Triple independent display
- 2x Intel® GbE supporting Wake-on-LAN and PXE
- 4x 2.5" SATA HDD bay and 2x mSATA supporting
- 4x Full-size mini PCIe for communication or expansion modules, 4x SIM socket
- 4x RS-232/422/485, 6x USB 3.0, 2x USB 2.0
- 16-bit Isolated digital I/O
- 9 to 48 VDC wide range power input
- -25 °C to 70 °C extended operating temperature
- TPM 2.0 Support

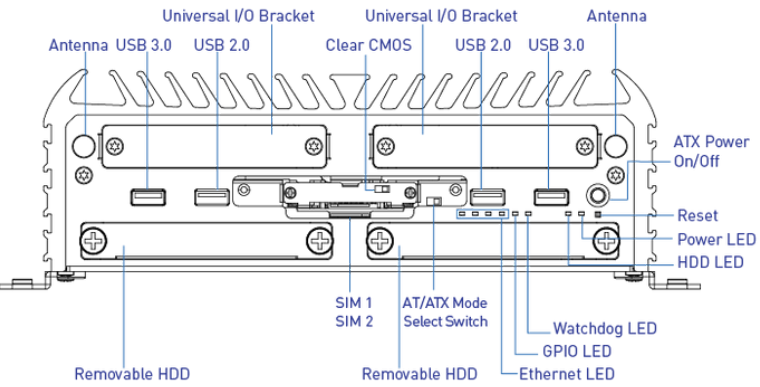


Specifications

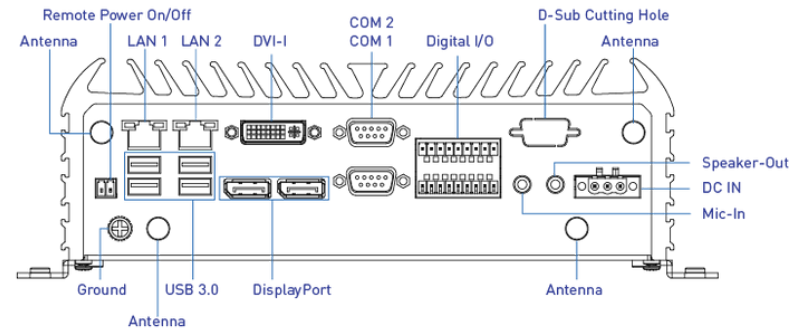
System		Power	
Processor • Support 6th & 7th Gen Intel® Core™ i7 / i5 / i3 / Pentium® / Celeron® Desktop Processor (LGA 1151) • 7th Gen Intel® Core™ i7-7700T, Quad Core, 8MB cache, up to 3.8 GHz • 7th Gen Intel® Core™ i5-7500T, Quad Core, 6MB cache, up to 3.3 GHz • 7th Gen Intel® Core™ i3-7101TE, Dual Core, 3MB Cache, 3.4 GHz • 6th Gen Intel® Core™ i7-6700TE, Quad Core, 8MB Cache, up to 3.4 GHz • 6th Gen Intel® Core™ i5-6500TE, Quad Core, 6MB Cache, up to 3.3 GHz • 6th Gen Intel® Core™ i3-6100TE, Dual Core, 4MB Cache, 2.7 GHz • Intel® Pentium® G4400TE, Dual Core, 3MB Cache, 2.4 GHz • Intel® Celeron® G3900TE, Dual Core, 2MB Cache, 2.3 GHz		Power Adapter Optional AC/DC 24V/5A, 120W Optional AC/DC 24V/9.2A, 220W (PoE Module)	
System Chipset		Power Management	
LAN Chipset		Power Mode	
Audio Codec		Power Supply Voltage	
System Memory		Power Connector	
BIOS		Power Protection	
Watchdog		Environment	
TPM		Operating Temperature	
		Storage Temperature	
		Relative Humidity	
		Certification	
		Vibration	
		Shock	
		Physical	
		Dimensions	
		Weights	
		Construction	
		Mounting Options	
Display			
Display Port			
DVI			
Multiple Display			
Storage			
mSATA			
SIM Socket			
SSD/HDD			
Expansion			
Mini PCIe			
I/O			
Audio			
COM			
DIO			
LAN			
PoE			
Universal I/O Bracket			
USB			
Others			
Operating System			
Windows			
Linux			

External I/O Mechanical Layout

Front Panel

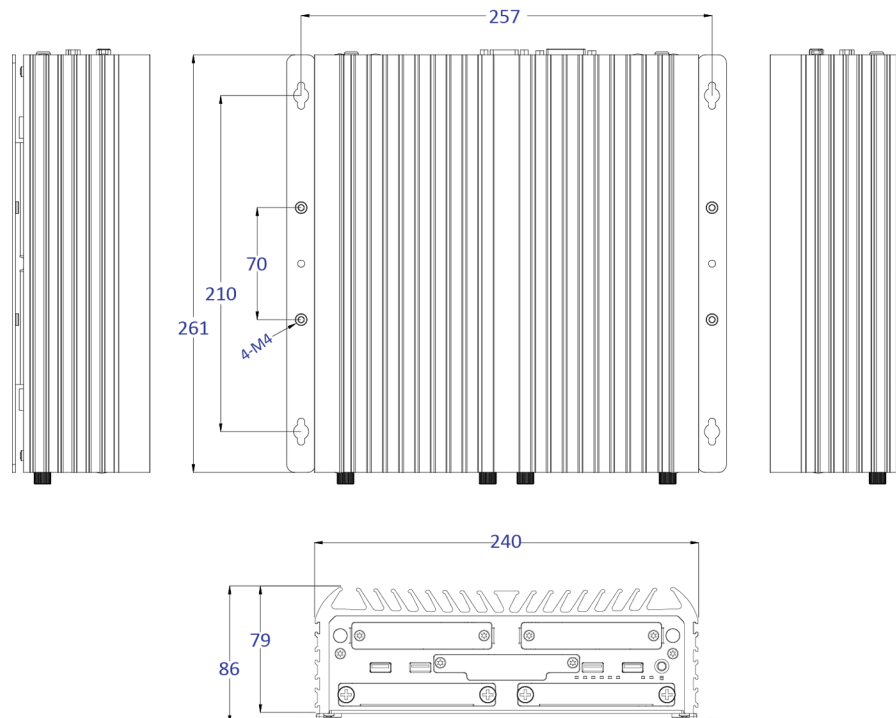


Rear Panel



Dimension

Unit: mm



Compliances and Standards

Shock	with SSD: 50G, half sine, 11ms IEC60068-2-27:2008 Designed to comply with MIL-STD-810H Method 516.8 Procedure I
Vibration	with SSD: 5 Grms, 5 - 500 Hz, 0.5 hr/axis with HDD: 1 Grms, 5 - 500 Hz, 0.5 hr/axis IEC60068-2-64:2008 Designed to comply with MIL-STD-810H Method 514.8 Procedure I
Operating Temperature	-25 °C ~ 70 °C (-13 °F ~ 158 °F) IEC60068-2-1:2007 (Cold test procedure) IEC60068-2-2:2007 (Dry heat test procedure) IEC60068-2-3:2007 (Damp heat, steady state, test procedure) IEC60068-2-14:2009 (Wide temperature range thermal shock)
EMI	- FCC Class A (47 CFR part 15.109 and part 15.107) - CE - ICES-003 - UKCA

Available Models

Model No.	Description
RCO-6000-KBL-P	Industrial Computer with 6th/7th Gen Intel® Core™ Processor, w/ Power Adapter

Optional Accessories

Model No.	Description
1-E09A22801	Adapter AC/DC 24V/11.67A 280W with 3pin Terminal Block Plug 5.0mm Pitch
1-E09A22102	Adapter AC/DC 24V 9.2A 220W with 3pin Terminal Block Plug 5.0mm Pitch
999930	Power Cord, 3-pin US Type, 180cm
1-TPCD00002	Power Cord, European Type, 180cm
1-TPCD00001	Power Cord, 3-pin UK Type, 180cm

Packing List

- 1x RCO-6000-KBL
- 1x Utility DVD Driver
- 1x Wall Mount Kit

US Exports And Tariff Codes

ECCN	5A992.c
HTS	8471.50.0150
ScheduleB	84.71

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