### Industrial Computer

#### RCO-6000-KBL-1050Ti

**Industrial GPU Computer with 6th/7th Gen Intel® Core™ Processor And Q170 PCH, GTX 1050 Ti Integrated**

**Features**
- LGA 1151 socket for 6th or 7th Gen. Intel® Core™ i7/i5/i3 or Pentium® / Celeron® desktop processor with Q170 chipset
- NVIDIA GeForce® GTX 1050 Ti Graphics engine based on NVIDIA Pascal™ GPU architecture
- 2x 260-pin DDR4 SODIMM. max up to 32GB
- 6x display interface supported by 2x DVI-I, 3x DisplayPort, 1x HDMI
- 2x Intel® GbE supporting Wake-on-LAN and PXE
- 2.5" SATA HDD bay and 2x mSATA supporting RAID 0,1, 5, 10
- 4x full-size mini PCIe for communication or expansion modules, 4x SIM socket
- 4x RS-232/422/485 (w/ 2x internal), 6x USB 3.0, 2x USB 2.0
- 8x DI + 8x DO with isolation
- 9 to 48VDC wide range power input supporting AT/ATX mode
- -25°C to 60°C extended operating temperature
- Includes 220W power adapter

## Specifications

### System
- **Processor**
  - Support 6th & 7th Gen Intel® Core™ i7 / i5 / i3 / Pentium® / Celeron®
  - 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, 2.4 GHz
  - Intel® Celeron® G3900TE, Dual Core, 2.3 GHz

- **System Chipset**
  - Intel® Q170 Express Chipset

- **LAN Chipset**
  - Intel® i210-AT (Support Wake-on-LAN and PXE)
  - Intel® i219LM (Support Wake-on-LAN and PXE)

- **Audio Codec**
  - Realtek ALC888S

- **System Memory**
  - 2x 260-Pin DDR4 1866/2133MHz SODIMM. Max. up to 32GB

- **Graphics**
  - Intel® HD Graphics 530 / 630 or NVIDIA GeForce® GTX 1050 Ti

- **BIOS**
  - AMI 128Mbit SPI BIOS
  - Software Programmable Supports 1-255 sec. System Reset

- **TPM**
  - TPM 1.2

### Display
- **Display Port**
  - 3x DP

- **DVI**
  - 2x DVI-I

- **HDMI**
  - 1x HDMI

- **Multiple Display**
  - 6 Display Interfaces

### Storage
- **mSATA**
  - 2x mSATA (shared by 2x Mini PCIe)

- **SIM Socket**
  - 2x External SIM socket

- **Internal SIM Socket**
  - 2x Internal SIM Socket

- **SSD/HDD**
  - 2x Internal 2.5" SATA HDD Bay
  - 2x Hotswap 2.5" SATA HDD Bay
  - Support RAID 0, 1, 5, 10

### Expansion
- **Mini PCIe**
  - 4x Full-size Mini PCIe

### I/O
- **Audio**
  - 1x Mic-in, 1x Line-out

- **COM**
  - 2x RS-232/422/485
  - 2x RS-232/422/485 (Internal)

- **DIO**
  - 8 in / 8 out (Isolated)

- **LAN**
  - 2x GbE RJ45

- **Universal I/O Bracket**
  - 2x Universal I/O Bracket (Base Model)

- **USB**
  - 6x USB 3.0, 2x USB 2.0

- **Others**
  - 4x WiFi Antenna Holes
  - 1x Power Switch, 1x AT/ATX Switch, 1x Remote Power On/Off

### Operating System
- **Windows**
  - 6th Gen CPU: Windows 10, Windows 7, WES7
  - 7th Gen CPU: Windows 10

- **Linux**
  - Linux kernel 4.4

### Power
- **Power Adapter**
  - DC 9 – 48 VDC

*All specifications and photos are subject to change without notice.*
External I/O Mechanical Layout

Front Panel

Rear Panel

Dimension

Unit: mm
### Available Models

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
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<tr>
<td>RCO-6000-KBL-2C-1050TI-P</td>
<td>Industrial GPU Computer with 6th/7th Gen Intel® Core™ Processor And Q170 PCH, GTX 1050 Ti Integrated</td>
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### Optional Accessories

<table>
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<th>Description</th>
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<tr>
<td>1-E09A22801</td>
<td>Adapter AC/DC 24V/11.67A 280W with 3pin Terminal Block Plug 5.0mm Pitch</td>
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<td>1-E09A22102</td>
<td>Adapter AC/DC 24V 9.2A 220W with 3pin Terminal Block Plug 5.0mm Pitch</td>
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<td>1-TPCD00002</td>
<td>Power Cord, European Type, 180cm</td>
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<tr>
<td>1-TPCD00001</td>
<td>Power Cord, 3-pin UK Type, 180cm</td>
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### Packing List

- 1x RCO-6000-CFL-8NS
- 1x Utility DVD Driver
- 1x Wall Mount Kit
- 1x Accessory Kit

### Exports And Tariff Codes

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