



## CB1064 | ATX Industrial Motherboard

### General data

- CPU: Intel® Pentium®/Celeron®/Core™ i3/i5/i7, 6th/7th generation
- Chipset: Intel® Q170

### Memory

- Type: SODIMM260–1.2 V/DDR4
- Max. speed: 2133 Mhz

### Graphic

- Controller: CPU integrated

### CPU type

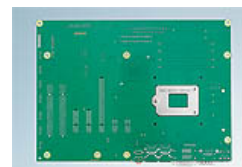
- CPU: Intel® Pentium®/Celeron®/Core™ i3/i5/i7, 6th/7th generation

### Chipset

- Chipset: Intel® Q170



Front side



Back side

## Technical data

General data	
CPU	Intel® Pentium®/Celeron®/Core™ i3/i5/i7, 6th/7th generation
Socket	LGA1151
Chipset	Intel® Q170
Super IO1	SMSC SCH3114
BIOS	AMI® Aptio V
BIOS chip	128 Mbit SPI-Flash
FTPM	yes (2.0)
Watchdog	yes
Memory	
Type	SODIMM260–1.2 V/DDR4
Slots	4
Max. memory	64 GB
Max. speed	2133 Mhz
Graphic	
Controller	CPU integrated

Video BIOS	Intel® Extreme / GOP driver
Memory	512 MB DVMT
HDMI resolution	2560 x 1600 @ 60 Hz ; 4096 x 2160 @ 24 Hz
DP resolution	4096 x 2304 @ 60 Hz
DVI resolution	1920 x 1200 @ 60 Hz

<b>LAN</b>	
LAN1 controller	Intel® Q170/i219 Phy
LAN1	10/100/1000 Mb/s
LAN2 controller	Intel® i210
LAN2	10/100/1000 Mb/s

<b>Audio</b>	
Controller and codec	Intel® Q170/Realtek ALC888 (HDA)
Support for 2/6/8 channels (2.0/5.1/7.1)	yes/yes/–
Analog input	Line/CD/Mic1/Mic2/PCBeep
Analog output Line/Mono out	yes/–
Digital input/output	yes/yes

<b>Internal Interfaces</b>	
PCI32	2x (3.0)
Mini PCI slot	–
PCIe (manufacturer dependency)	–
PCIe x16	1x (3.0)
PCIe x4	2x (3.0)
PCIe x1	2x (3.0)
SATA (total)	6x
SATA (6 Gb/s)	6x
SATA (3 Gb/s)	–
SATA RAID	0/1/5/10
USB 3.0	–
USB 2.0	8x
Serial interface	3 x RS232

<b>External Interfaces</b>	
PS/2 keyboard/mouse	yes/yes
USB 3.0	4x
USB 2.0	–
LAN	2x
DVI-I	–
DVI-D	2x
DisplayPort	1x
Serial interface	1x RS232
Audio	Line in/out & Mic

<b>Power supply</b>	
Supply voltage	ATX 24

<b>Cooling</b>	
Cooling mode	passive/active
Operating temperature	0...+60 °C
Extended temperature	on request
Storage temperature	-20...+70 °C

<b>Dimensions</b>	
Format	ATX
Dimensions (W x H x D)	305 mm x 41 mm x 220 mm