

## CB1061 | ATX Industrial Motherboard

### General data

- CPU: Intel® Core™ i3/Core™ i5/Core™ i7, 4th generation
- Chipset: Intel® Q87

### Memory

- Type: SODIMM204–1.35 V/DDR3L
- Speed max.: 1600 Mhz

### Graphic

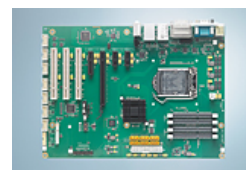
- Controller: CPU integrated
- Memory: 512 MB DVMT

### CPU type

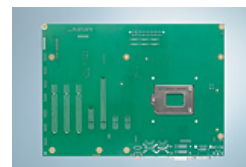
- CPU: Intel® Core™ i3/Core™ i5/Core™ i7, 4th generation

### Chipset

- Chipset: Intel® Q87



Front side



Back side

## Technical data

General data	
CPU	Intel® Core™ i3/Core™ i5/Core™ i7, 4th generation
Socket	LGA1150
Chipset	Intel® Q87
Super I/O	SMSC SCH3114
BIOS	AMI® Aptio V
BIOS chip	128 Mbit SPI-Flash
TPM	yes
Watchdog	yes
Memory	
Type	SODIMM204–1.35 V/DDR3L
Slots	4
Max. memory	32 GB
Speed max.	1600 Mhz
Graphic	
Controller	CPU integrated
Video BIOS	Intel® Extreme / GOP driver

Memory	512 MB DVMT
HDMI resolution	2560 x 1600 @ 60 Hz; 4096 x 2304 @ 24 Hz
DP resolution	3840 x 2160
DVI resolution	1920 x 1200

LAN	
LAN1 controller	Intel® Q87/i218 Phy
LAN1	10/100/1000 Mb/s
LAN2 controller	Intel® i210
LAN2	10/100/1000 Mb/s

Audio	
Controller and codec	Intel® Q87/Realtek ALC889 (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

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

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

Power supply	
Supply voltage	ATX 24

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

Dimensions	
Format	ATX
Dimensions (W x H x D)	305 mm x 41 mm x 220 mm