

CB3060 | 3½-inch Industrial Motherboard

General data

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

Memory

– Type: SODIMM204–1.35 V/DDR3L

– Speed max.: 1600 Mhz

Graphic

– Controller: CPU integrated

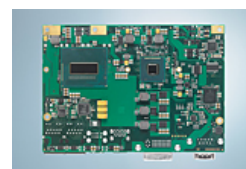
– Memory: 512 MB DVMT

CPU type

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



Front side



Back side

Technical data

General data	
CPU	Intel® Core™ i3/Core™ i5/Core™ i7, 4th generation
Socket	FCBGA 1364
Chipset	Intel® QM87
Super IO1	SMSC SCH3114
BIOS	AMI® Aptio V
BIOS chip	128 Mbit SPI-Flash
TPM	yes
Watchdog	yes
Memory	
Type	SODIMM204–1.35 V/DDR3L
Slots	2
Max. memory	16 GB
Speed max.	1600 Mhz
Graphic	
Controller	CPU integrated
Video BIOS	Intel® Extreme
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® QM87/Realtek ALC889 (HDA)
Support for 2/6/8 channels (2.0/5.1/7.1)	yes/yes/–
Analog input	Line/Mic1/Mic2/PCBeep
Analog output Line/Mono out	yes/–
Digital input/output	yes/yes

Internal Interfaces	
PCI32	–
Mini PCI slot	1x
PCIe (manufacturer dependency)	4 x PCIe x1(2.0) or 1 x PCIe x4(2.0), adapter cards required
PCIe x16	–
PCIe x4	–
PCIe x1	–
SATA (total)	4x
SATA (6 Gb/s)	2x
SATA (3 Gb/s)	2x
SATA RAID	0/1/5/10
USB 3.0	–
USB 2.0	6x
Serial interface	3 x RS232

External Interfaces	
PS/2 keyboard/mouse	–
USB 3.0	2x
USB 2.0	2x
LAN	2x
DVI-I	1x
DVI-D	–
DisplayPort	–
Serial interface	1x RS232
Audio	–

Power supply	
Supply voltage	5 V and 5 V standby (12 V for fans)

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

Dimensions	
Format	3½-inch
Dimensions (W x H x D)	147 mm x 20 mm x 102 mm