



CB3064 | 3½-inch Industrial Motherboard

General data

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

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



Technical data

General data	
CPU	Intel® Pentium®/Celeron®/Core™ i3/i5/i7, 6th/7th generation
Socket	LGA1151
Chipset	Intel® Q170
Super IO1	NCT7491MNTXG
BIOS	AMI® Aptio V
BIOS chip	128 Mbit SPI-Flash
FTPM	yes (2.0)
Watchdog	yes
Memory	
Type	SODIMM260–1.2 V/DDR4
Slots	2
Max. memory	32 GB
Max. speed	2133 Mhz
Graphic	
Controller	CPU integrated
Video BIOS	Intel® Extreme / GOP driver
Memory	512 MB DVMT
HDMI resolution	3840 x 2160 @ 60 Hz; 4096 x 2160 @ 24 Hz
DP resolution	3840 x 2160 @ 60 Hz
DVI resolution	1920 x 1200 @ 60 Hz

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

Audio	
Controller and codec	–
Support for 2/6/8 channels (2.0/5.1/7.1)	–
Analog input	–
Analog output Line/Mono out	–
Digital input/output	–

Internal Interfaces	
PCI32	–
Mini PCI slot	–
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)	4x
SATA (3 Gb/s)	–
SATA RAID	0/1/5/10
USB 3.0	–
USB 2.0	6x
Serial interface	1 x RS232

External Interfaces	
PS/2 keyboard/mouse	–
USB 3.0	4x
USB 2.0	–
LAN	2x
DVI-I	–
DVI-D	1x
DisplayPort	–
Serial interface	1x RS232
Audio	–

Power supply	
Supply voltage	3.3 V; 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