



CB3063 | 3½-inch Industrial Motherboard

General data

– CPU: Intel® Atom™ E38xx, System on a Chip (SoC)

Memory

– Type: SODIMM204–1.35 V/DDR3L

– Speed max.: 1333 Mhz

Graphic

– Controller: CPU integrated

– Memory: 512 MB DVMT

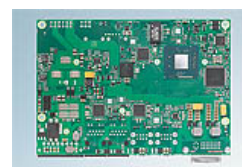
CPU type

– CPU: Intel® Atom™ E38xx, System on a Chip (SoC)

– Performance: 1.46...1.91 GHz



Front side



Back side

Technical data

General data	
CPU	Intel® Atom™ E38xx, System on a Chip (SoC)
Socket	–
Chipset	Intel® Atom™ E38xx
Super IO1	SMSC SCH3114
BIOS	AMI® Aptio V
BIOS chip	128 Mbit SPI-Flash
TPM	–
Watchdog	yes
Memory	
Type	SODIMM204–1.35 V/DDR3L
Slots	1
Max. memory	8 GB
Speed max.	1333 Mhz
Graphic	
Controller	CPU integrated
Video BIOS	Intel® Extreme / GOP driver
Memory	512 MB DVMT
HDMI resolution	1920 x 1080 @ 60 Hz
DP resolution	2560 x 1600 @ 60 Hz
DVI resolution	1920 x 1200 @ 60 Hz

LAN	
LAN1 controller	Intel® i210
LAN1	10/100/1000 Mb/s
LAN2 controller	Intel® i210
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)	1 x PCIe x1 (2.0), adapter cards required
PCIe x16	–
PCIe x4	–
PCIe x1	–
SATA (total)	2x
SATA (6 Gb/s)	–
SATA (3 Gb/s)	2x
SATA RAID	–
USB 3.0	1x
USB 2.0	4x
Serial interface	1 x RS232

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

Power supply	
Supply voltage	24 V

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