

# BPC-M4400

Fanless Embedded Box PC with Intel® Braswell Celeron N3160 CPU®

**Small, Low Voltage and Powerful**



## Features

- Ultra Low Power and Fanless Design
- DP/ HDMI output supported
- Optional Wi-Fi Connection supported
- Rugged Design for Shock/Vibration Protection
- **Wall Mount**
- TPM 2.0 Header

### System

CPU	Soldered onboard Intel® Celeron® Braswell N 3160 quad-core 1.6 ~ 2,24 GHz Core i3 6th./7th. Gen CPU optional
Memory	1 x 204-pin DDR3L SO-DIMM socket, supporting 1600MHz SDRAM up to 8GB pre-install 2GB/4GB DDR3L SO-DIMM Memory Module
Graphics	Integrated Intel®HD Chip
LAN Chipset	Realteck RL8111G GbE controllers
Watchdog Timer	1~255 levels reset

### I/O

Serial Port	2x COM Ports
USB Port	4 x USB 3.0 port 2 x USB 2.0 ports
LAN	<b>2 x RJ-45 ports for GbE</b>
Video Port	1 x DP female connector resolution 2560x1600 @ 60Hz resolution 3840x2160 @ 30Hz 1 x HDMI port resolution 2560x1600 @ 60Hz resolution 3840x2160 @ 30Hz
Audio	connector for Line-out ( optional)
Expansion Bus	1 x mPCIe Mini-card socket, 1x mSATA

### Environmental

Operating Temp.	-10 ~ 60°C, ambient w/ air flow
Storage Temp.	-40 ~ 85°C (-40 ~ 185°F)
Operating Humidity	10 ~ 95% @ 60°C (non-condensing)
Vibration	3 Grms/5~500Hz/random operation
Shock	Operating 40G (11ms), Non-operating 60G with mSATA

### Qualification

Certification	Meet CE, FCC
Warranty	2 Years, Lifecycle at least 5 Years

### Power Requirement

Power Input	DC 9 V- 36 V input
Power Consumption	0.77A@12V (typical w/ N3160)

### Storage

Storage	1 x mSATA socket, Optional pre-install 64GB/120GB mSATA SSD
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### Mechanical

Construction	Alu Housing complete and with CPU Heat sink
Weight	0.6kg (1.32lb, Barebone)
Dimensions (W x D x H)	186 x 130 x 50mm

### OS Support

Windows 7, 32-bit/64-bit and embedded(only by Skylake CPU)  
Windows 8.1, 32-bit/64-bit and embedded(only by skylake CPU)  
Windows10, 32-bit/64-bit and embedded  
Linux: Ubuntu

### Order Information

**TRUE INDUSTRIAL**

7~15 years Support | 3 years+ Warranty | Customization Option

**MSI Industrial Mainboards inside**

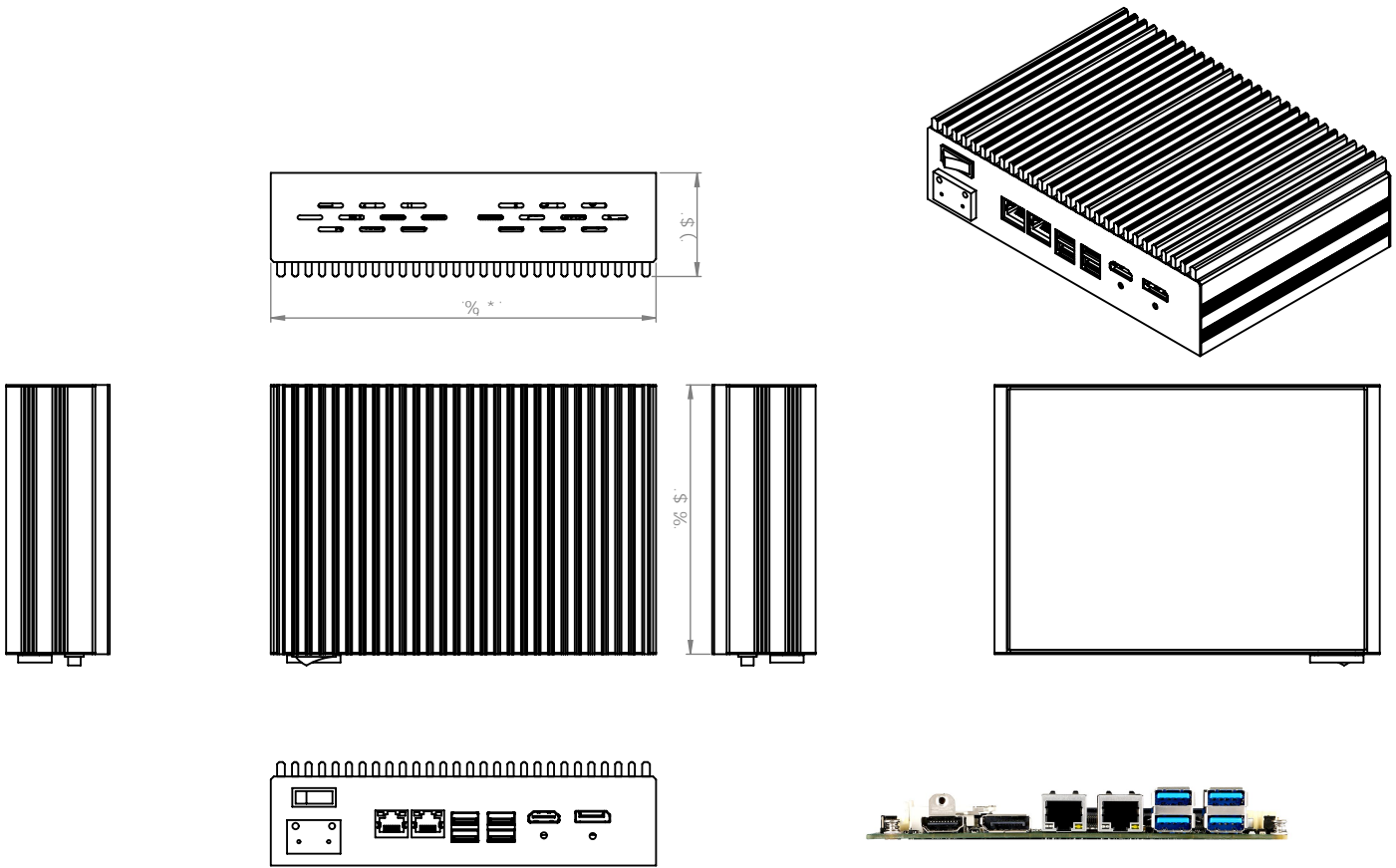


Zimmersmühlenweg 14-18  
D-61440 Oberursel/Ts.

Tel: 06171-9799110 E-Mail: info@alptech.de  
Fax: 06171-9799115 www.alptech.de

Alptech Elektronik GmbH

# Dimensions



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## Standard Accessories

WMK-200 Wall-mount kit for BPC-200 Series

## Optional Accessories

120 GB SSD Intel® 2.5" 120GB SATAIII SSD kit



64 GB SSD mSATA MLC 64GB



MM-4CL-4G DDR4L-2133 4GB SDRAM



MM-4CL-8G DDR4L-2133 8GB SDRAM

PAC-90W 19/24 V/ 90W AC/DC adapter kit

