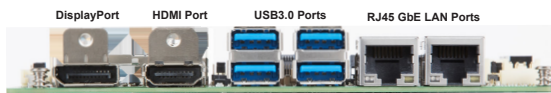


BPC-M4505D

Fanless Embedded Box PC with Intel Skylake /Kaby lake Core i5-6300U/ i5-7300U CPU

Small, Low Voltage and Powerful

DIN Rail and Wall Mount



Features

- Ultra Low Power and Fanless Design
- DP/ HDMI output supported
- Optional Wi-Fi Connection supported
- Rugged Design for Shock/Vibration Protection
- **Wall and DIN Rail Mount**
- TPM 2.0 Header
- **4K immersive Graphics, Media Performance**

System

CPU	Soldered onboard Intel 6th/7th Gen.
	Core i5-6300U 2,4 - 2.9 GHz Core i5-7300U 2,6 - 3.5 GHz
Memory	1 x 260-pin DDR4L SO-DIMM socket, supporting 2133/2400MHz SDRAM up to 16GB
	pre-install 2GB/4GB DDR4L SO-DIMM Memory Module
Graphics	Integrated Intel® HD 620 Graphic, 300~1000 MHz
LAN Chipset	Intel 1x210AT and 1x219LM 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	2 x RJ-45 ports for GbE
Video Port	1 x DP female connector resolution 3840x2160 @ 60Hz
	1 x HDMI port resolution 4096x2160 @ 24Hz resolution 3840x2160 @ 60Hz
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 12V-24V input
Power Consumption	1.82A@12V (typical w/ 7100U)

Storage

Storage	1 x mSATA socket, Optional pre-install 64GB/120GB mSATA SSD, Raid optional
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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)	184.6 x 124.5 x 77mm

OS Support

Windows10, 32-bit/64-bit and embedded
Linux: Ubuntu

Order Information

BPC-M4505D1	Box PC with Skylake i5-6300U CPU
BPC-M4505D2	Box PC with Kaby Lake i5-7300U CPU

TRUE INDUSTRIAL

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

MSI Industrial Mainboards inside

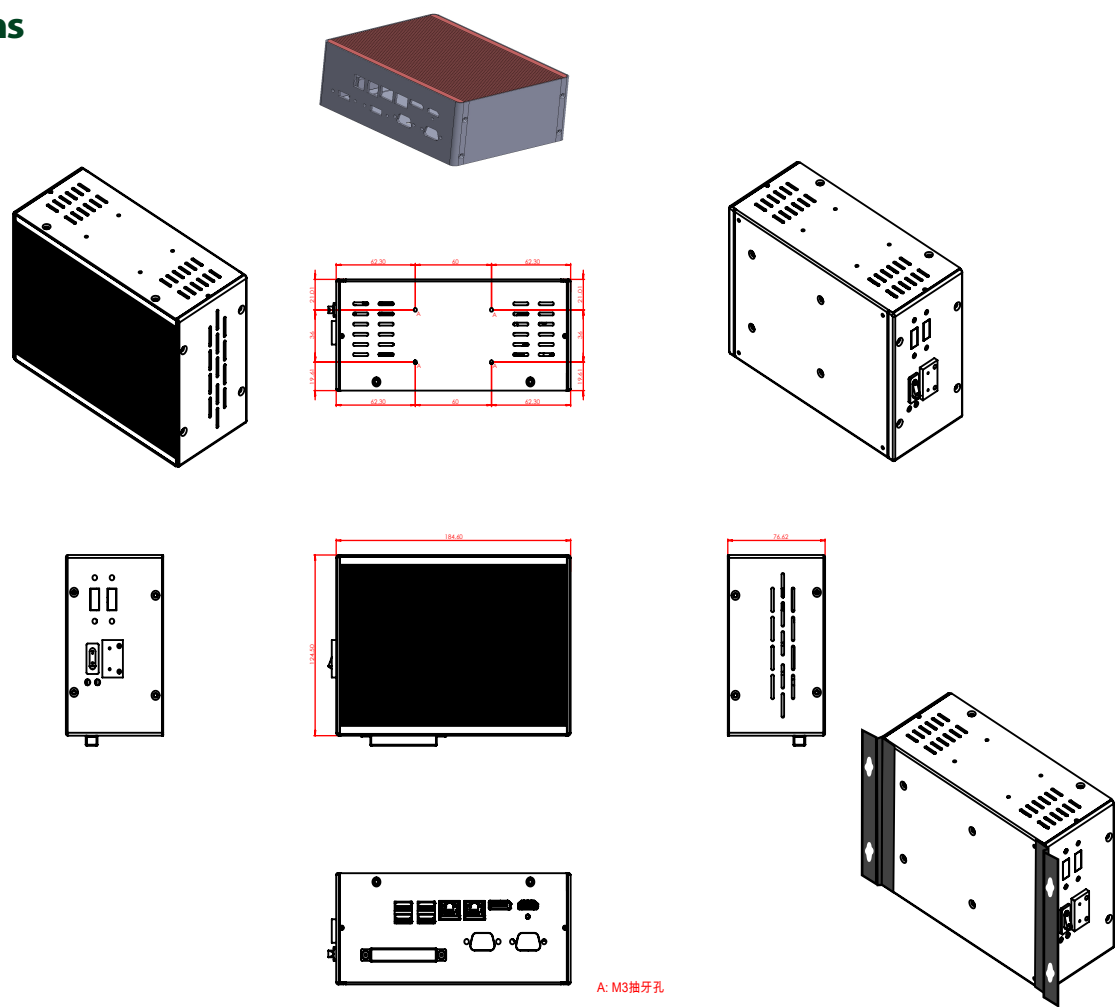


Zimmersmühlenweg 14-18
D-61440 Oberursel/Ts.

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

Alptech Elektronik GmbH

Dimensions



Standard Accessories

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

Optional Accessories

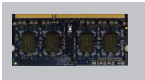
120 GB SSD Intel® 2.5" 120GB SATAIII SSD kit



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



DRK-200 Din rail mounting kit for BPC-200 Series

