

BPC-M4500D

Fanless Embedded Box PC with Intel Skylake / Kaby Lake Celeron 3955U/3965U 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 Gen.® Celeron®, Skylake 3955U Dual Core 2,0 GHz Kaby Lake 3965U, Dual Core 2,2 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 510/610 Graphic, 300~900 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	1.77A@12V (typical w/ 3955U)

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)	184.6 x 124.5 x 77mm

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

BPC-M4500D1	Box PC with Skylake 3955U CPU
BPC-M4500D2	Box PC with Kaby Lake 3965U CPU



MSI Industrial Mainboards inside

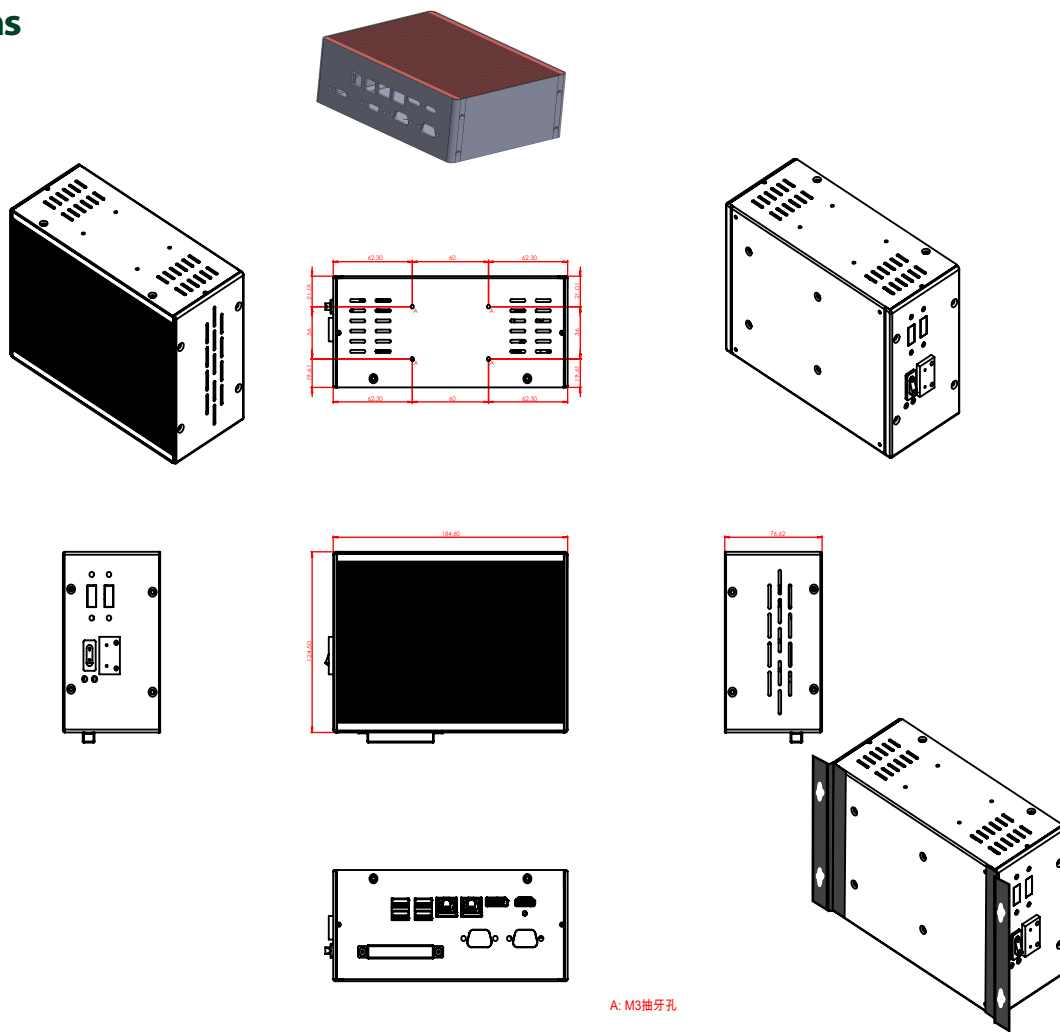


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Dimensions



Standard Accessories

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

Optional Accessories

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

