

BPC-M4519

Robust Fanless Box PC with Intel 8th/9th T-CPU Coffee Lake



◀ **New!!**



Features

- Support Intel 8th/9th Gen. T series CPU
- Extrem Performance with Intel Platform
- Fanless Design, Wide Range DC Power
- Rugged Design for Shock/Vibration Protection
- Great 3D graphic performance with high definition up to 4K
- Support standard and low-voltage DDR4 SO-DIMM up to 64GB
- 3 independent displays:DVI/2x DP
- Support DirectX12.1
- Support 2 x Intel GbE LAN (one with iAMT 12.x)
- Support SATA 3.0 and M.2 storage

System

CPU	8th Gen Intel®Desktop Coffee Lake-T (LGA 1151)
Memory	2 x 240-pin dual channels DDR 4 SO-DIMM 2400/2666 MHz up to 64 GB
Chipset	Intel Q370/ H310 Express
Graphics	Intel UHD 630 shared System Memory upto 1.7GB
Storage	2 x SA 3.0 port, (Raid 0,1 optional)
LAN	1 x Intel PCIe 211AT, 1x 219LM Gigabit Ethernet
Watchdog Timer	1~255 level Reset
I/O	
Serial Port	2 x DB-9 female connector 1x RS-232/422/485, 1x RS-422/485
USB Port	4 x USB 2.0 ports , 4 x USB 3.0 (external)
LAN	2 x RJ-45 ports for GbE
Video Port	2 x DP female connector for analog output(4096x2304) 1 x DVI (1920x1080)
GPIO	1 x 16-bit Digital I/O, 8-in/8-out 5V
TPM	TPM 2.0 (optional)
Audio	Mic-in/ Line-out
Expansion Bus	1 x M.2 E Key, 1 x M.2 M Key (PCIe + SATA),
Wi-Fi Bluetooth	1 x Antenne Front (optional)
Fan	Fanless

Power Requirement

Power Input	DC 12V input (AC Power Adapter) , 9 -36V optional
Power Consumption	65 Watt (Max.), Core i5-8400T, 4GB RAM, 120GB SSD

Storage

Type	1 x 2.5" Drive bay for HDD / SSD 1 x CFast socket which can be outside accessible
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Mechanical

Construction	Steel and red Aluminum Heat Sink
Mounting	Support wall-mounting
Weight	5.0Kg
Dimensions (W x D x H)	252,8 x 222,4x 70.8 mm

OS Support

Windows 10 / Linux
Windows 10 pro. Windows 10 IoT enterprise



Environmental

Operating Temp.	-10 ~ 60°C (-4 ~ 131°F), ambient w/ air flow
Storage Temp.	-40 ~ 85°C (-40 ~ 185°F)
Relative Humidity	10 ~ 95% @ 40°C (non-condensing)
Vibration	MIL-STD-810F, Method 514.5, Procedure 1, Category 4 Operating 20G (11ms), Non-operating 40G with HDD
Shock & Crash	Operating 40G (11ms), Non-operating 60G with CF/SSD Crash 80G (11ms)

Qualification

Certification	CE, FCC class A
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TRUE INDUSTRIAL
7-15 years Support | 3 years+ Warranty | Customization Option



Zimmersmühlenweg 14-18
D-61440 Oberursel/Ts.

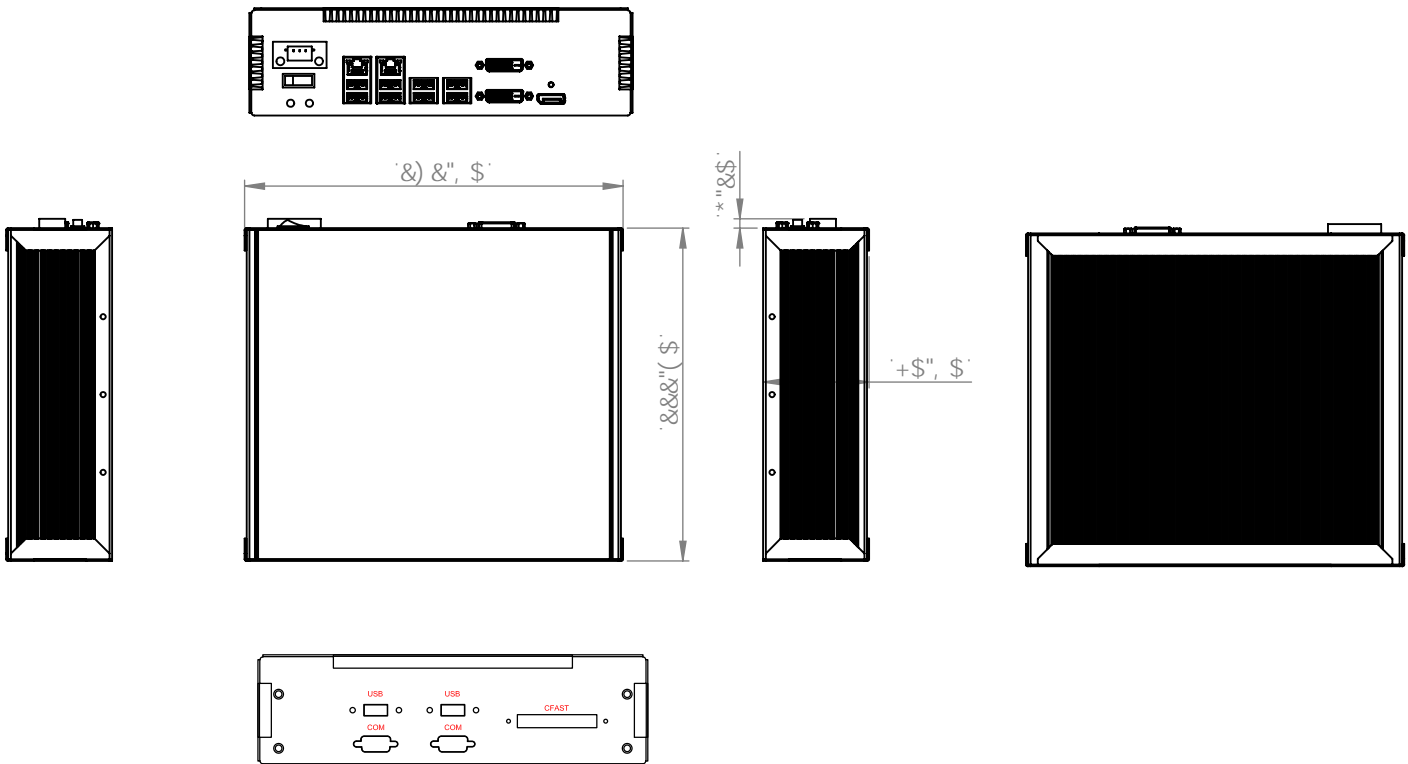
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Alptech Elektronik GmbH

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Dimensions



Standard Accessories

WMK-500 Wall-mount kit

Optional Accessories

120 /250GB SSD Intel® 2.5" 120 / 250GB SATAIII SSD kit



MM-4CL-4G DDR4L-2400 4GB SDRAM



MM-4CL-8G DDR4L-2666 8GB SDRAM



PAC-160W 12/24 V/ 160W AC/DC adapter kit

Recommended CPU List:

Intel® 8th Generation

Intel® Core i3-8100T, 3.1GHz, 4 Core, 6MB Cache

Intel® Core i5-8400T, 1.7~3.2GHz, 6 Core, 9MB Cache

Intel® Core i7-8700T, 2.4~3.9GHz, 6 Core, 12MB Cache

