

BPC-M4508-G

Robust Fanless Box PC with Intel 6 / 7 / 8 / 9 / 10th T-CPU



◀ **New!!**



Features

- Support Intel 6 / 7 / 8 / 9 / 10 Gen. series T-Version 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 32GB
- 3 independent displays: HDMI/DP/VGA
- Support DirectX 12.1
- Support 2 x Intel GbE LAN (one with iAMT 8.0) and 6 x LAN optional
- Support SATA 3.0 and M.2 storage

System

CPU	Intel® Core i-3 / i5 Gen 6 / Gen 7 T-Version (35W) CPU Intel® Core i-3 / i5 Gen 8 / Gen 9 T-Version (35W) CPU Intel® Core i-3 / i5 Gen 10 T-Version (35W) CPU
Memory	2 x 240-pin dual channels DDR 4 SO-DIMM 2133/2400 MHz up to 32 GB
Chipset	Intel Q170 / H110 / Q 370 / H310 / H470 Express
Graphics	Intel HD 630 / HD530 shared System Memory upto 1.7GB
Storage	2 x SA 3.0 port, (Raid 0,1 optional)
LAN	Intel i211AT/i219V Gigabit Ethernet (6xLAN optional)
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 (0,5,12 V)
USB Port	2 x USB 2.0 ports , 2 x USB 3.0 (more USB optional)
LAN	2 x RJ-45 ports for GbE (or 6x RJ-45)
Video Port	1 x VGA DB9 connector for analog output 1 x HDMI , 1x DP
Selectable port	1 x 8-bit Digital I/O, 4-in/4-out (5V)
TPM	TPM 2.0 (optional)
Audio	Mic-in/ Line-out
Expansion Bus	1 x M.2 Key, 2242/2280, 1 x mPCIe slot
Wi-Fi Bluetooth	2 x Antenne Front (optional)
Fan	Fanless

Environmental

Operating Temp.	-0 ~ 55°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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Power Requirement

Power Input	DC 12V/19V/ 24V input (AC Power Adapter, optional)
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Power Consumption	65 Watt (Max.), Core i5-6500T, 4GB RAM, 120GB SSD
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Storage

Type	1 x 2.5" Drive bay for HDD / SSD 1 x CFast socket (optional)
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Mechanical

Construction	black 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 7, Linux / Windows 10
Windows 7 pro. embedded Windows 10/ 11 pro. embedded



CPU:	Intel® Core i3-7100T, 3.4GHz, 2 Core Intel® Core i5-7500T, 2.7~3.3GHz, 4 Core Intel® Core i3-8100T, 3.1GHz, 4 Core Intel® Core i5-8400T, 1.7~3.3GHz, 6 Core Intel® Core i3-10100T, 3.0~3.8GHz, 4 Core Intel® Core i5-10400T, 2.0~3.6GHz, 6 Core
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TRUE INDUSTRIAL

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

Gigabyte Industrial Mainboards inside



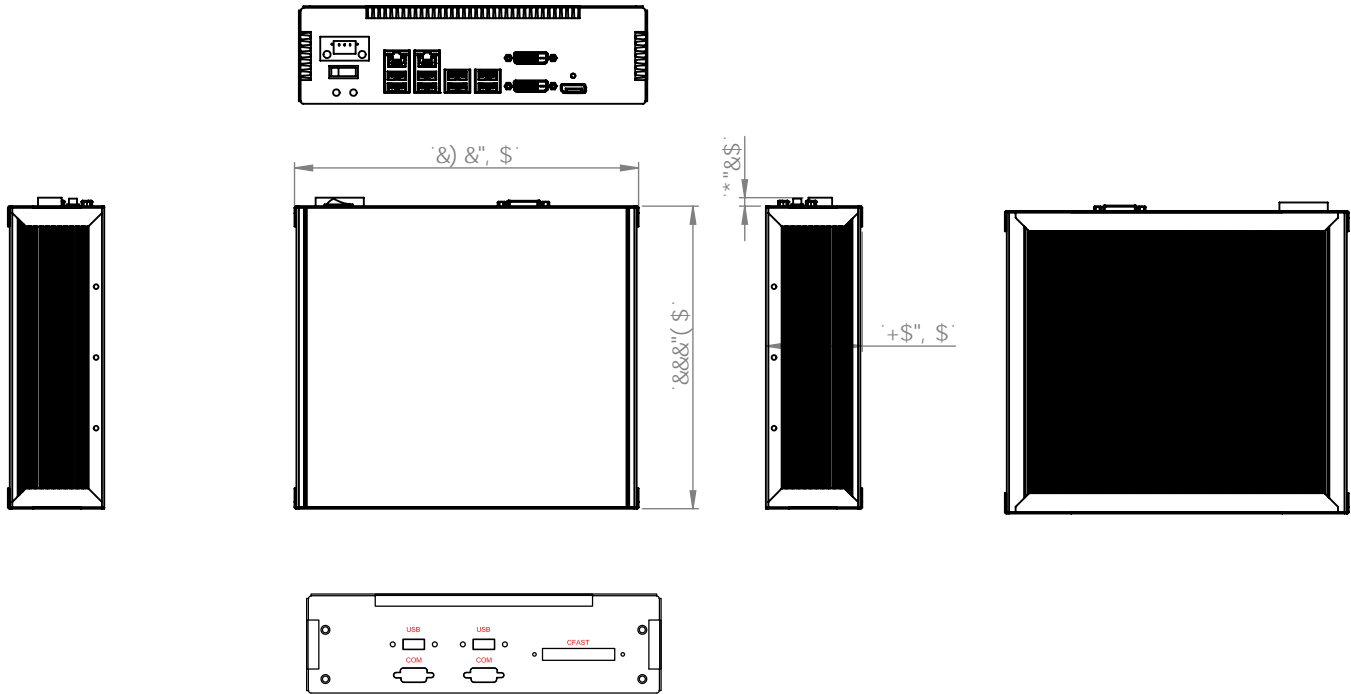
Zimmersmühlenweg 14-18
D-61440 Oberursel/Ts.

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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-2133 4GB SDRAM



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

PAC-160W 19/24 V/ 160W AC/DC adapter kit

