

BPC-M4600

Robust Fanless Box PC with Intel 6th/7th T-CPU Skylake/Kabylake,



◀ **New!!**



Features

- Support Intel 6th / 7th Gen. 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 32GB
- 3 independent displays:HDMI/DP, 2xDVI
- Support DirectX12.1
- Support 2 x Intel GbE LAN (one with iAMT 8.0) and 4 x LAN optional
- Support SATA 3.0 and M.2 storage (optional)

System

CPU	7th Gen Intel® Desktop Kaby Lake-T (LGA 1151) 6th Gen Intel® Desktop Skylake-T (LGA 1151)
Memory	2 x 240-pin dual channels DDR 4 SO-DIMM 2133/2400 MHz up to 32 GB
Chipset	Intel Q170/ H110 Express
Graphics	Intel HD 630 / HD530 shared System Memory upto 1.7GB
Storage	2 x SA 3.0 port, (Raid 0,1 optional)
LAN	2 x Intel PCIe 210AT Gigabit Ethernet (4xLAN 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	4 x USB 2.0 ports , 4 x USB 3.0 (external)
LAN	2 x RJ-45 ports for GbE, or 4x RJ-45
Video Port	2 x DVI female connector for analog output 1 x HDMI / DP
Selectable port	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 Key, 2242/2280, 1 x Mini-card slot
Wi-Fi Bluetooth	2 x Antenne Front (optional)
Fan	Fanless

Power Requirement

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

Storage

Type	2 x 2.5" Drive bay for HDD / SSD 1 x CFast socket which can be outside accessible
-------------	--

Mechanical

Construction	Steel and red Aluminum Heat Sink
Mounting	Support wall-mounting
Weight	4.5Kg
Dimensions (W x D x H)	252,8 x 222,4x 90 mm

OS Support

Windows 7, Linux / Windows 10
Windows 7 pro. embedded

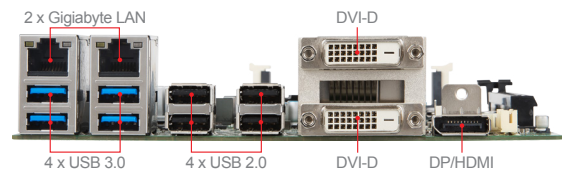
Environmental

Operating Temp.	-10 ~ 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)

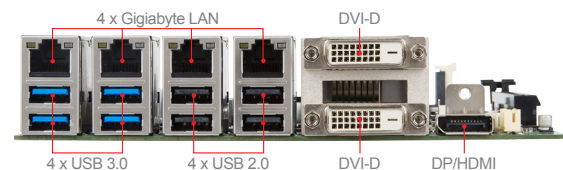
Qualification

Certification	CE, FCC class A
----------------------	-----------------

SKU1
H110



SKU2
Q170



Alptech Elektronik GmbH



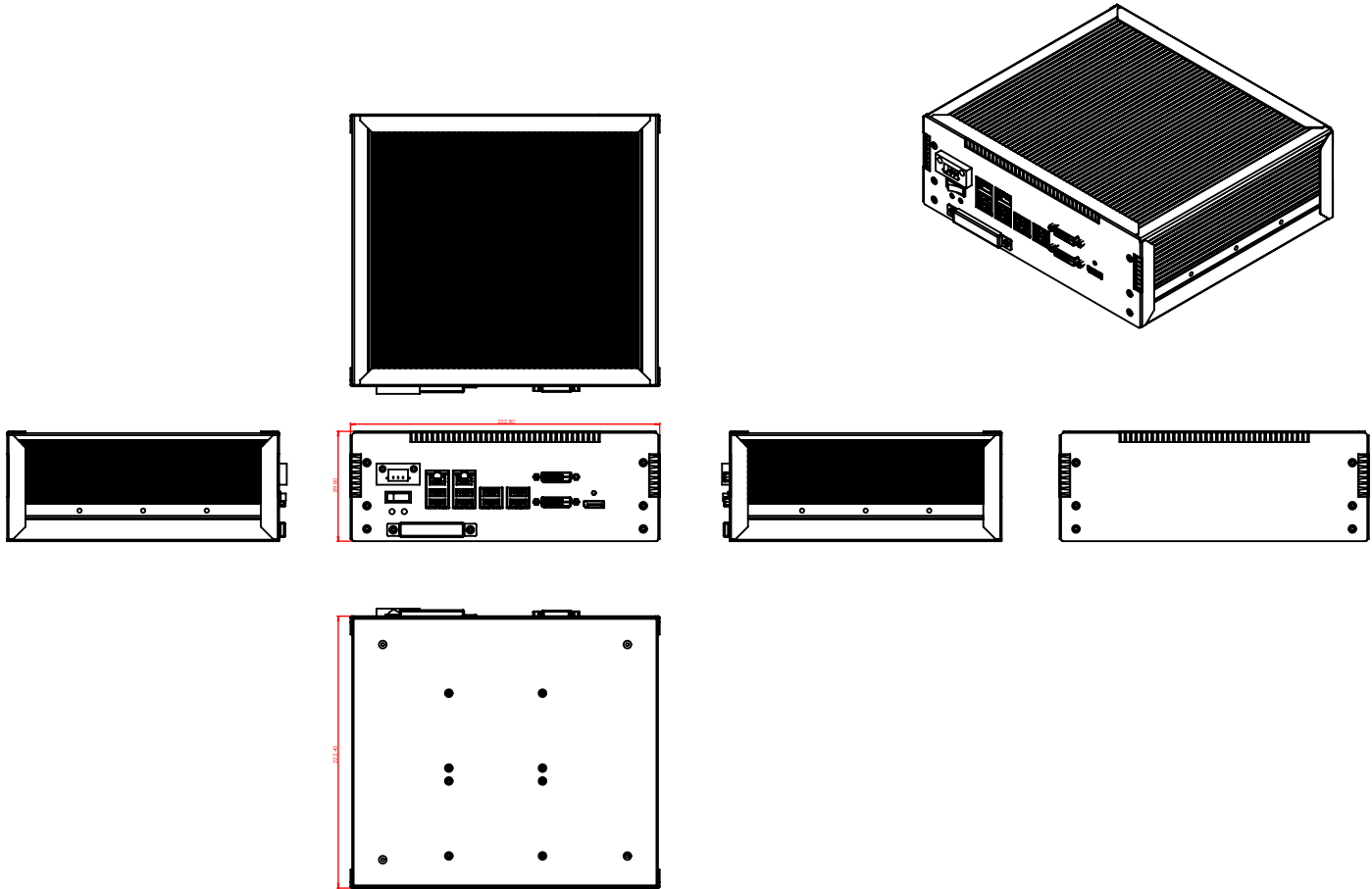
Zimmersmühlenweg 14-18
D-61440 Oberursel/Ts.

Tel: 06171-9799110
Fax: 06171-9799115

E-Mail: info@alptech.de
www.alptech.de

BPC-M4600

Dimensions



www.alptech.de

Alptech Elektronik GmbH

Standard Accessories

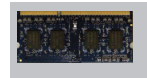
WMK-500 Wall-mount kit

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



Recommended CPU List:

Intel® 6th Generation

Intel® Core i3-6100T, 3.2GHz

Intel® Core i5-6500T, 2.5~3.1GHz

Intel® Core i7-6700T, 2.8~3.4GHz

Intel® 7th Generation

Intel® Core i3-7101T, 3.4GHz

Intel® Core i5-7500T, 2.7~3.2GHz

Intel® Core i7-7700T, 2.9~3.6GHz

