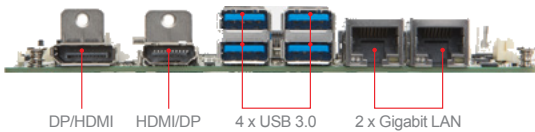


BPC-M202WT

Fanless Embedded Box PC with Intel Apollo Lake-I Atom E3950/ E3940 CPU

Small, Low Voltage and Wide Temperature



Features



- Ultra Low Power and Fanless Design
- DP/ HDMI output supported
- Optional Wi-Fi Connection supported
- Rugged Design for Shock/Vibration Protection
- Easy Installation/Maintenance
- TPM 2.0 Header
- **Wide Temperature -40°C ~ 75°C**

System

CPU Soldered onboard Intel Apollo lake, Atom CPU
E3940, Quad Core 1.8GHz
E3950, Quad Core 2.0GHz

Memory 1 x SO DDR3L SO-DIMM socket, supporting 1333/ 1600 MHz SDRAM up to 8GB
pre-install 2GB/4GB DDR3L SO-DIMM Memory Module

Graphics Integrated Intel® HD 500 Graphics Chip

LAN Chipset Intel 2 x 210iT GBE controllers

Watchdog Timer 1~255 levels reset

I/O

Serial Port only optional

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

Expansion Bus 1 x mPCIe Mini-card socket, 1x mSATA

Environmental

Operating Temp. -40 ~ 75°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/ E3950)

Storage

Storage 1 x mSATA socket, Optional pre-install 240GB/120GB mSATA SSD

Mechanical

Construction Alu Housing complete and with CPU Heat sink

Weight 0.6kg (1.32lb, Barebone)

Dimensions (W x D x H) 186 x 130 x 50mm

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-M202WT1 Box PC with Apollo lake E3950 CPU
BPC-M202WT2 Box PC with Apollo Lake E3940 CPU

TRUE INDUSTRIAL

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

MSI Industrial Mainboards inside

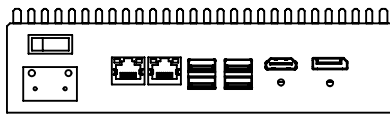
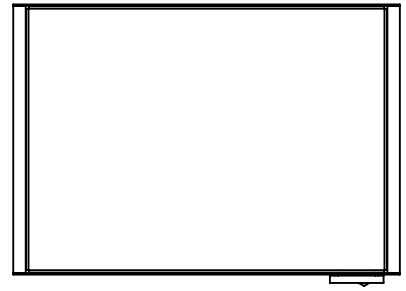
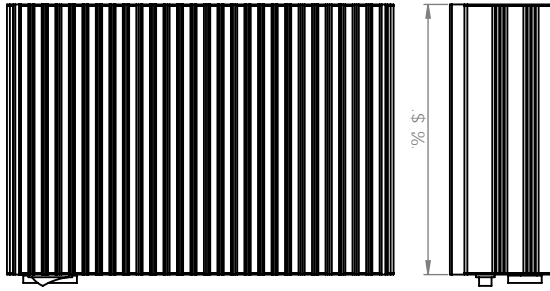
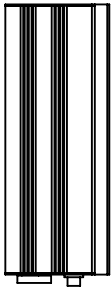
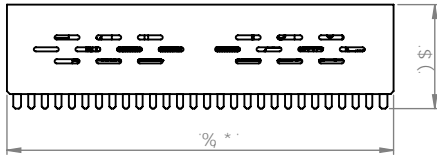
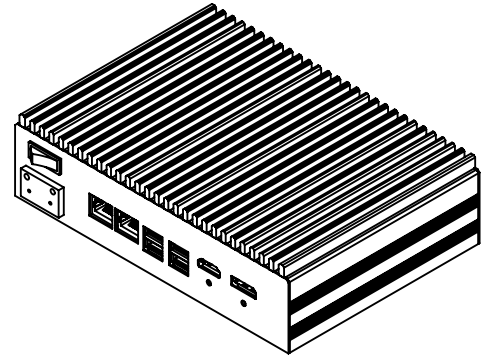


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Alptech Elektronik GmbH

Dimensions



A: M3抽牙孔





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Standard Accessories

WMK-3300	Wall mount kit	
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Optional Configuration (CTOS* Kit)

WiFi-AT2200	Atheros AR9462 Wi-Fi module w/ 15cm internal wiring	
ANT-D11	1 x Wi-Fi Dual-band 2.4G/5G antenna	
2GB SO-DIMM	DDR3L-1600 2GB SO-DIMM Memory module	
4GB SO-DIMM	DDR3L-1600 4GB SO-DIMM Memory module	
8GB SO-DIMM	DDR3L-1600 8GB SO-DIMM Memory module	
64GB SSD	mSATA 64 GB	
128GB SSD	mSATA 128GB	

*CTOS means Configure-to-Order Service.