MICROBOX-6841M

Box PC Fanless

Features

- Support 6th/7th Core™-i desktop & Xeon® server-grade Processor (37W)
- Intel® C236 PCH
- Easy Installation design for expand slot
- Support PCIe (x16) x1, PCIe (x1) x1
- Support up to max 250W Graphic Card
- System Fan with PWM function

Processor System

CPU	Intel® Core™ i7/i5/i3 & Xeon® Intel® Core™ i7-6700TE, 2.4GHz Intel® Core™ i5-6500TE, 2.3GHz Intel® Core™ i5-6500T, 2.5GHz Intel® Core™ i3-6100TE, 2.7GHz Intel® Core™ i7-7700T, 2.9GHz Intel® Core™ i3-7101TE, 3.4GHz Intel® Xeon® E3-1268L v5, 2.4GHz Intel® Xeon® E3-1275 v6, 3.8GHz
Chipset	Intel® C236 PCH

Expansion Slot

Card Mini Pcle	Full-size Mini card x2 (USB, w/1 SIM slot) x1 (x16), max support 250W graphic card x1 (x1)

Memory

Technology	SO DIMM DDR4 (ECC/Non-ECC)
Max.	32GB
Socket	1 x SO-DIMM

Graphics

Controller	Intel HD Graphics (By CPU)
VRAM	Shared Memory
VGA	0
LVDS	1 co-lay with eDP
HDMI	Support HDMI 1.4a, max res. 4096 x 2304
DVI	0
Display Port	0
Multi Display	Yes (Three Display)

Storage

Storage Device	2x 2.5" Drive Bay

Indicator

LED	1x Power LED, 1xHDD active LED

Ethernet

Connector	5x RJ45 for GbE
Controller	Intel® i211AT x4, i219LM x1

I/O

USB 3.0	4
HDMI	2x 1.4b / 2x type A (optional)
Connector	2 pin Remote Power ON/OFF
Switch	1x Power ON/OFF
Input	1x 3 pin DC Power input (+, -, GND)
Serial	1x RS232/422/485 DB9
Audio	2x (Mic-in/Line-out)

Power

Power Input	12 ~ 24V (12V only for Graphic Card)
Power Consumption	35/73W (depends to the Processor)

Mechanical

Construction	Steel Chassis
Mounting	Wall Mounting
Dimension (mm)	155 x 200 x 400
Net Weight	7 Kg

Environment

Operating Temperature	-20° ~ 55°C -20° ~ 45°C
Storage Temperature	-40°C ~ 80°C
Storage Humidity	5°C ~ 95°C @ 40°C, non-condensing
Anti-Vibration	Random, 1Grm, 5-500Hz
Certification	CE/FCC class A

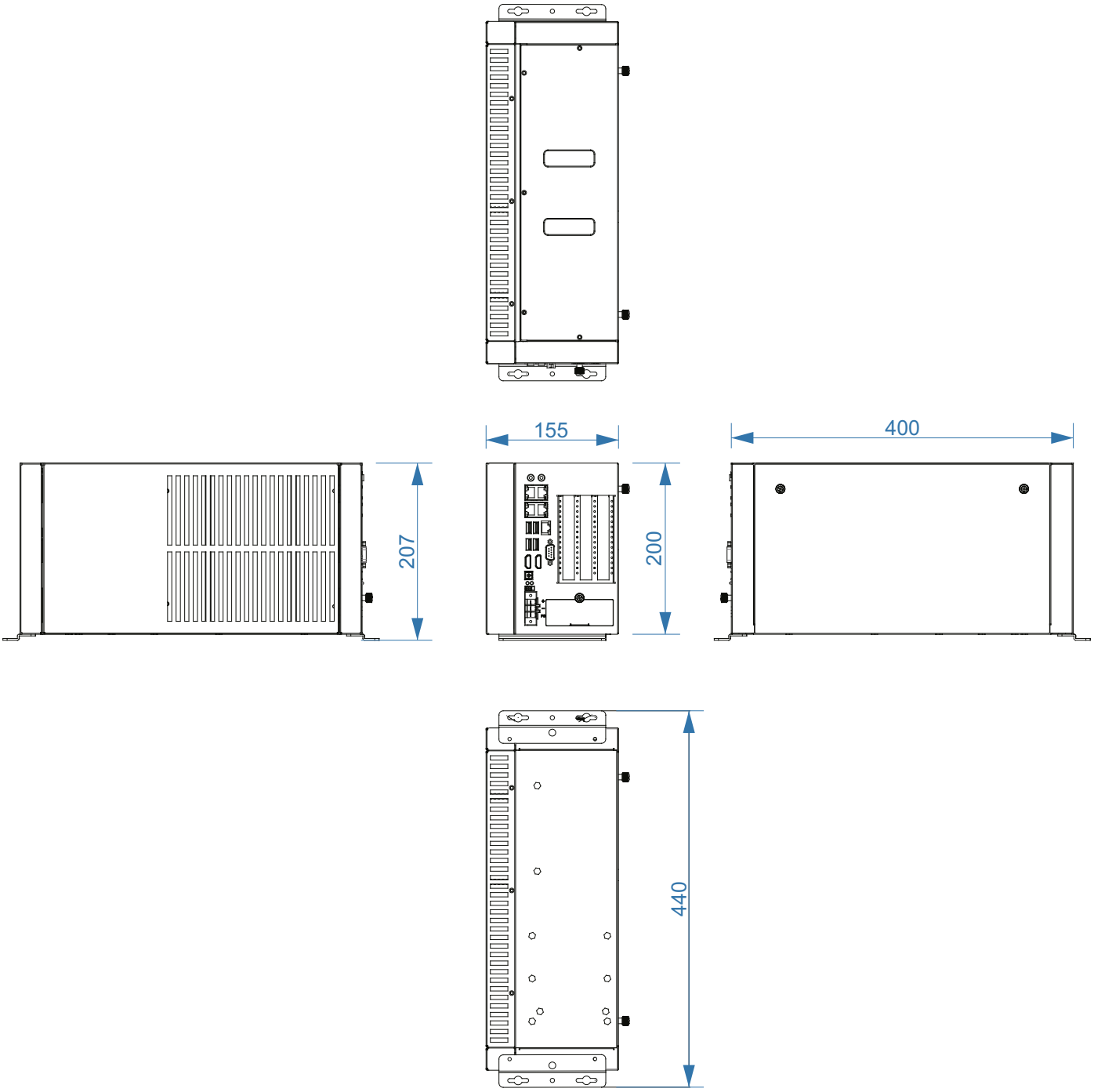
Operating System Support

Skylake S / Kabilake
Windows® 10
Windows® 10 IoT
Windows® 8.1
Windows® Embedded Standard 8
Windows® 7
Windows® Embedded Standard 7
Ubuntu® 16.04.2

HARDWARE SOLUTIONS

Dimensions

MICROBOX-6841M-A4



UNIT: mm

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