

# BPC-M200

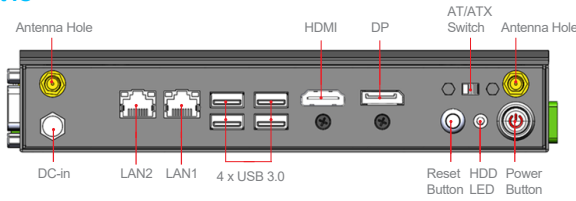
Din Rail Slim Box PC with Intel® Skylake-U Series Processor for IoT Edge Solution



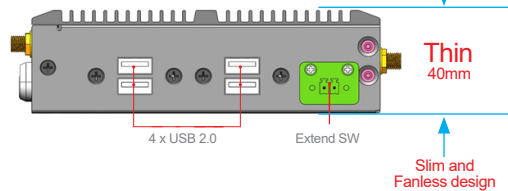
**NEW**



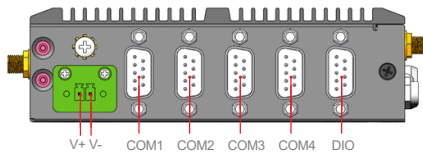
### Front IO



### Right IO



### Left IO



## Features

- Slim and fanless system design with 40mm thickness
- Embedded with 4G DDR4 2133MHz SO-DIMM memory and 64G mSATA storage (default)
- I/O ports: 1 x DP, 1 x HDMI, 2 x GbE LAN, 4 x USB 3.0, 4 x USB2.0 and 4 x COM
- Support Dual Mini-PCIe slots for mSATA, WIFI, 3G/4G
- Support ATX/AT Switch, reset button, Power/HDD LED
- Support DC in 12V~24V with DC Jack & 2-pin Phoenix
- 4 openings reserved for antennas
- Optional Support COM isolation and Power OCP/OVP

## Ordering Information

Part Number	Description
BPC-M200-C	Intel® Skylake-U Celeron®-3955U, DC, 15W
BPC-M200-I3	Intel® Skylake-U Core i3®-6100U, DC, 15W

## Packing List

Part Number	Description
Coming soon	



MSI Industrial Mainboards inside

## Specifications

Processor	CPU	Intel® Skylake-U Celeron® 3955U, DC, 15W	
	Frequency	2.0GHz	
	L2 Cache	2MB	
	CPU Type	BGA	
	Chipset	N/A	
	BIOS	AMI	
Memory	Technology	Single channel for DDR4 2133 MHz	
	Max. Capacity	4G (option up to 16G)	
Display	Socket	1 x 260-pin SO-DIMMs	
	Controller	Intel® HD Graphics	
	Graphic Memory	Shared system memory up to 1.7 GB SDRAM	
	Multiple Display	2 independent displays	
Ethernet	Display Interface	HDMI1.4 up to 4096 x 2160 @24Hz DP up to 3840 x 2160 @60Hz	
	Controller	1 x Intel® I210-AT GbE LAN 1 x Intel® I219-LM GbE LAN PHY	
Audio	Controller	Realtek® ALC887-VD2-CG HD Audio Codec	
H/W Monitor	Watchdog Timer	256-level Watchdog Timer	
	Smart Fan	N/A	
TPM	Controller	N/A	
Expansion Slot	Mini-PCIe	1 x Full-size (w/ NANO SIM-Holder) 1 x Full-size (Shared w/ mSATA)	
	SATA	N/A	
Storage	mSATA	64G (default)	
	CFast	N/A	
	CompactFlash	N/A	
	RJ-45	2	
I/O Interface	Audio	N/A	
	USB	4 x USB3.0 4 x USB2.0	
	Serial	4 x COM ports COM1: RS-232/422/485 COM2~4: RS-232, 0V/5V/12V (option supports 2 x RS-422& 2x RS-485 port-to-computer isolation, complies with IEC 60950-1:2005 + A1: 2009 + A2:2013 2.5kV HiPOT protection)	
	GPIO	8-bit (4*GPI; 4*GPO), 5V	
	CANbus	N/A	
	HDMI	1	
	LVDS	N/A	
	DVI	N/A	
	DisplayPort	1	
	VGA	N/A	
	Antenna	4 (opening reserved 2 antennas)	
	Power Supply	DC Input	DC-in 12-24V Jack (5.5mm/2.5mm) / Phoenix pluggable with latch (Option support OCP/OVP Protection)
		AC Input	N/A
	Environment	Operating Temperature	-10~45°C (W/ mSATA)
Operating Humidity		10 ~ 90%, non-condensing	
Storage Temperature		-20 ~ 80°C	
Storage Humidity		10 ~ 90%, non-condensing	
Vibration		Operating: IEC 60068-2-64: 2 Grms, 5 ~ 500 Hz, 1hr/axis (w/ SSD)	
Shock		Operating: IEC 60068-2-27: 50G, half sine, 11ms (w/ SSD)	
Form Factor	Dimensions (WxDxH)	<b>210 x 130 x 40mm</b>	
	Weight	TBD	
	Mounting	DIN-rail mount(STD)/Wall mount (by BOM option)/VESA mount(by BOM option)	
Certification	EMC	FCC Class A, CE, RCM, VCCI, BSMI	
	Safety	N/A	
Software Platform	OS Support	Windows 10 (64-bit) Linux Fedora 25 (by request) Linux Ubuntu 16.04 (by request)	