



## Industrial Control Mini Box PC based on Intel i3 7100U Dual Core CPU

### Features:

- Intel i3 7100U 2.4GHz Dual Core CPU, 3M Cache
- Integrated Intel HD620 GPU, Dual Display
- 1 x VGA (optional), 2 x HDMI, 4 x RS-232
- 2 x USB 2.0, 4 x USB 3.0, 1 x SATA 3.0
- 2 x M.2
- 2 x Gigabit Ethernet



## Specification:

Overview	CPU	Intel i3 Processor 7100U 2.4GHz Dual Core, 3M Cache, 15W
	RAM	Support 1 x DDR4 2133/2400MH Storage, Maximum Storage of 16GB
	Chipset	CPU Integration
	Display	Integrated IntelHD620 GPU, Dual Display or Triple Display
	Network	2 x Realtek RTL8111F Network Chip, Gigabit Network
		1 x M.2 E.Key/2230 Interface, supports Wireless Network (WIFI)
	Audio	Realtek ALC662 HD Audio
	Storage	1 x SATA 3.0
		1 x M.2 M. Key/2280 NVMe SSD Interface
	USB	2 x USB 2.0, 4 x USB 3.0
	COM	4 x RS-232
	Watch Dog	Support
	GPIO	Expandable
	RS-485	None
	Power On	Hardware/ BIOS supported
Power Supply	Power Adapter	12V3A
OS	OS	Windows 7/10, Linux
Environment	Operating Temp.	0°C~50°C
	Storage Temp.	-20°C~80°C
	Humidity	10%~90% Non-Condensing
Front I/O	Power Switch	1
	Power Indicator	1
	Hard Disk Drive Indicator	1
	Serial Ports	1 x RS-232
	USB	2 x USB 2.0, 2 x USB 3.0
Back I/O	Power	Outside Diameter 5.5mm, Inside Diameter 2.5mm
	Display	2 x HDMI, 1 x VGA (optional)
	Network	2 x Gigabit Network
	Serial Ports	3 x RS-232
	Audio	1 x Audio Output, 1 x Audio Input
	Antenna Holes	2
Others	Case Material	Aluminum Alloy (Silver Color Optional)
	Dimensions for Reference	134 x 128 x 46mm
	Weight for Reference	0.75kg
	Package Dimensions	261 x 218 x 75mm
	Security Lock	Yes
	Cooling	Cooling Fan (Positive Cooling)
	Mount	VESA Mount

## ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 9 years' experience, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon vendors like Intel, NXP, ST, Rockchip, Allwinners and so on, we have earned trust from clients worldwide in over 30 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

