POLYHEX

Industrial Control Mini Box PC based on Intel i3 7 100U 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 suppored
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/0	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

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Beyond the Embedded Deployment