

BOX-1000



Features

- . 迷你嵌入式无风扇工控机
 - . 板载CPU DDR SSD
 - . SIM插槽 msata mini-pcie
 - . 支持2.5硬盘
- 宽压输入：9-24V DC_IN

系统 System

处理器 Processor	Intel® Apollo Lake系列
内存 Memory	1 x DDR4 1866/2133MHz SO-DIMM, Up to 16 GB
图形 Graphics	Intel® HD Graphics , dual display
存储 Storage	1 x SATA 3.0 for 2.5" HDD/SSD 1 x mSATA,
操作系统 OS	Windows 7/8/10, Linux

外部接口 External I/O

网口 Ethernet	2 x RJ45 Intel® i211AT GbE (10/100/1000 Mbps)
显示 Video	1 x VGA: max resolution up to 1920 x 1200 1 x HDMI: max resolution up to 4096 x 2160
音频 Audio	1 x Audio(Line-out&Mic-in 2 in 1), Realtek® ALC269 HD Audio codec
串口 COM	6 x COM (2 x RS232/422/485 auto-flow, 4 x RS232)
USB	4 x USB 2.0, 1 x USB 3.0
GPIO	no
按钮 Button	1 x Power button
指示灯 LED	1 x Power LED (Green for Power-on, Blink for Sleep mode, Off for Power-off) 1 x HDD LED (Red blink for Data read or write)

内部接口 Internal I/O

扩展接口 Expansion	1 x Full-size Mini-PCIe Slot (co-lay with mSATA)
SIM卡	1 x SIM Card Slot
操作温度 OperatingTemp.	-20°C ~ 60°C(SSD), 0°C ~ 40°C(HDD)
存储温度 Storage Temp.	-40°C ~ 85°C
湿度 Relative Humidity	5% ~ 95%, 非凝结状态Non-condensing
振动 Vibration	SSD: 5~500Hz, 2Grms operation HDD: 5~500Hz, 1Grms operation
机械冲击 Shock	Operation: Non-operation: 30G@11ms

电源 Power

电源输入 Power Input	9~24V DC, 2-pin phoenix onnector
外观 Housing	铝合金 Aluminum Alloy
安装方式 Mounting	桌面式 (Desk-Mount), 壁挂式 (Wall-Mount), VESA-mount (75 x 75mm, 100 x 100mm), 导轨式(DIN-Rail)
尺寸 Dimension	165 x 125 x 65 mm
重量 Weight	0.6kg

BOX-6000



Features

- . 可扩展嵌入式无风扇工控机
- . 板载CPU DDR SSD
- . SIM插槽 msata mini-pcie
- . 支持2.5硬盘
- . 宽压输入：9-36V DC_IN

系统 System

处理器 Processor	Intel® Core™ i3/i5/i7 LGA1151 Socket, up to 65W
内存 Memory	1 x DDR4 1866/2133MHz SO-DIMM, Up to 16 GB
图形 Graphics	Intel® HD Graphics
存储 Storage	1 x SATA 3.0 for 2.5" HDD/SSD 1 x mSATA, 1 x M.2 2242 Slot
操作系统 OS	Windows 7/8/10, Linux
看门狗定时器 Watchdog Timer	Programmable 255 levels timer interval, from 1~255 sec/min

外部接口 External I/O

网口 Ethernet	2 x RJ45 Intel® i211AT GbE (10/100/1000 Mbps)
显示 Video	1 x VGA: max resolution up to 1920 x 1200 1 x HDMI: max resolution up to 4096 x 2160
音频 Audio	1 x Audio(Line-out&Mic-in 2 in 1), Realtek® ALC269 HD Audio codec
串口 COM	6 x COM (4 x RS232/422/485 auto-flow, 2x RS232)
USB	4 x USB 2.0, 2 x USB 3.0
GPIO	1 x 8bit programmable GPIO
按钮 Button	1 x Power button
指示灯 LED	1 x Power LED (Green for Power-on, Blink for Sleep mode, Off for Power-off) 1 x HDD LED (Red blink for Data read or write)

内部接口 Internal I/O

扩展接口 Expansion	可支持PCIe X 16, PCIe X 8, PCIe X 4, PCIe X 1及PCI扩展插槽Wifi module
SIM卡	1 x SIM Card Slot
操作温度 OperatingTemp.	-20°C ~ 60°C(SSD), 0°C ~ 40°C(HDD)
存储温度 Storage Temp.	-40°C ~ 85°C
湿度 Relative Humidity	5% ~ 95%, 非凝结状态Non-condensing
振动 Vibration	SSD: 5~500Hz, 2Grms operation HDD: 5~500Hz, 1Grms operation
机械冲击 Shock	Operation: Non-operation: 30G@11ms

电源 Power

电源输入 Power Input	9~36V DC, 2-pin phoenix onnector
外观 Housing	铝合金 Aluminum Alloy
安装方式 Mounting	桌面式 (Desk-Mount), 壁挂式 (Wall-Mount), VESA-mount (75 x 75mm, 100 x 100mm), 导轨式(DIN-Rail)
尺寸 Dimension	244 x 153 x 57.5 mm
重量 Weight	1.9kg

BOX-2000



Features

- . 嵌入式无风扇工控机
- . 板载CPU DDR SSD
- . SIM插槽 msata mini-pcie
- . 支持2.5硬盘
- . 宽压输入：9-36V DC_IN

系统 System

处理器 Processor	Intel® Core™ i3/i5/i7
内存 Memory	1 x DDR4 1866/2133MHz SO-DIMM, Up to 16 GB
图形 Graphics	Intel® HD Graphics
存储 Storage	1 x SATA 3.0 for 2.5" HDD/SSD 1 x mSATA, 1 x M.2 2242 Slot
操作系统 OS	Windows 7/8/10, Linux
看门狗定时器 Watchdog Timer	Programmable 255 levels timer interval, from 1~255 sec/min

外部接口 External I/O

网口 Ethernet	2 x RJ45 Intel® i211AT GbE (10/100/1000 Mbps)
显示 Video	1 x VGA: max resolution up to 1920 x 1200 1 x HDMI: max resolution up to 4096 x 2160
音频 Audio	1 x Audio(Line-out&Mic-in 2 in 1), Realtek® ALC269 HD Audio codec
串口 COM	6 x COM (2 x RS232/422/485 auto-flow, 4 x RS232/485 optional by jumper)
USB	4 x USB 2.0, 2 x USB 3.0
GPIO	1 x 8bit programmable GPIO
按钮 Button	1 x Power button
指示灯 LED	1 x Power LED (Green for Power-on, Blink for Sleep mode, Off for Power-off) 1 x HDD LED (Red blink for Data read or write)

内部接口 Internal I/O

扩展接口 Expansion	1 x Full-size Mini-PCIe Slot (co-lay with mSATA) 1 x M.2 2242 Slot 1 x M.2 2230 Slot for Wifi module
SIM卡	1 x SIM Card Slot
操作温度 OperatingTemp.	-20°C ~ 60°C(SSD), 0°C ~ 40°C(HDD)
存储温度 Storage Temp.	-40°C ~ 85°C
湿度 Relative Humidity	5% ~ 95%, 非凝结状态Non-condensing
振动 Vibration	SSD: 5~500Hz, 2Grms operation HDD: 5~500Hz, 1Grms operation
机械冲击 Shock	Operation: Non-operation: 30G@11ms

电源 Power

电源输入 Power Input	9~36V DC, 2-pin phoenix connector
外观 Housing	铝合金 Aluminum Alloy
安装方式 Mounting	桌面式 (Desk-Mount), 壁挂式 (Wall-Mount), VESA-mount (75 x 75mm, 100 x 100mm), 导轨式 (DIN-Rail)
尺寸 Dimension	244 x 153 x 57.5 mm
重量 Weight	1.9kg

BOX-3000



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- . SIM插槽 msata mini-pcie
- . 支持2.5硬盘
- . 宽压输入：9-36V DC_IN

系统 System

处理器 Processor	Intel® Skylake CoreTM i3/i5/i7
内存 Memory	1 x DDR4 1866/2133MHz SO-DIMM, Up to 16 GB
图形 Graphics	Intel® HD Graphics
存储 Storage	1 x SATA 3.0 for 2.5" HDD/SSD 1 x mSATA, 1 x M.2 2242 Slot
操作系统 OS	Windows 7/8/10, Linux
看门狗定时器 Watchdog Timer	Programmable 255 levels timer interval, from 1~255 sec/min

外部接口 External I/O

网口 Ethernet	2 x RJ45 Intel® i211AT GbE (10/100/1000 Mbps)
显示 Video	1 x VGA: max resolution up to 1920 x 1200 1 x HDMI: max resolution up to 4096 x 2160
音频 Audio	1 x Audio(Line-out&Mic-in 2 in 1), Realtek® ALC269 HD Audio codec
串口 COM	6 x COM (2 x RS232/422/485 auto-flow, 4 x RS232/485 optional by jumper)
USB	4 x USB 2.0, 2 x USB 3.0
GPIO	1 x 8bit programmable GPIO
按钮 Button	1 x Power button
指示灯 LED	1 x Power LED (Green for Power-on, Blink for Sleep mode, Off for Power-off) 1 x HDD LED (Red blink for Data read or write)

内部接口 Internal I/O

扩展接口 Expansion	1 x Full-size Mini-PCIe Slot (co-lay with mSATA) 及PCI扩展插槽
SIM卡	1 x SIM Card Slot
操作温度 OperatingTemp.	-20°C ~ 60°C(SSD), 0°C ~ 40°C(HDD)
存储温度 Storage Temp.	-40°C ~ 85°C
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