



LPC-60B2-xxxC00

V1.0

Localization Panel PC

CPU 飞腾E2000 4核

2.0GHz 国产高性能处理器

BOX工业计算机

1.1 产品简述 Feature

Phytium E2000Q Processor, 4Core, 2.0GHz, TDP 11W
 Support 1 x DDR4-2400MHz SO-DIMM slot, up to 16GB
 Support 1 x M.2-2280 and 1 x SATA3.0
 1 x HDMI; 2 x LAN; 4 x USB3.0; 4 x RS232/485; 1 x Mic in and 1 x line out
 1 mini PCIe slot for wifi or 4G/5G(with nano-SIM socket) expansion
 12~24V power input, lockable DC-IN phoenix terminal block

1.2 产品规格 Specification

项目Item		参数param			
处理器 Processor System	CPU	Phytium E2000Q 1.8GHz~2.0GHz TDP 11W			
引导Guide	BIOS	Phytium UEFI			
内存Memory	技术 Technology	Single Channel(Non-ECC) DDR4 2400MHz, up to 32GB			
	插槽 Slot	1 x DDR4 SO-DIMM slot			
存储 Storage	SATA	1 x SATA3.0 port			
	M.2	1 x M.2-2280 Key-M slot(SATA3.0/NVME)			
外部接口 Rear I/O	网络 Ethernet	2 x GbE(RJ45), Realtek 8111H controller			
	显示 Display	1 x HDMI, resolution to 1920x1080@60Hz			
	USB	4 x USB3.0(5Gbps)			
	串口 Serial Port	2 x COM(RS232/485)			
	开关按钮 Button	1 x Power Button(White for power on,Blink for sleep mode,Off for power off)			
	指示灯 Indicators	1 x SATA LED(Red), 1 x Power LED(Green)			
	音频 Audio	1 x Line out, 1 x Mic in			
内部接口 Internal I/O	显示 Display	1 x LVDS, resolution to 1366x768@60Hz			
	扬声器 Speaker	1 x Speaker wafer (1*4pin-2.0)			
	串口 Serial Port	4 x TTL wafer(2*8pin-2.0)			
	USB	4 x USB2.0			
	风扇 Fan	2 x Smart Fan wafer(1*4pin-2.54)			
	GPIO	8 x GPIO Wafer(2*5pin-2.0)			
	PCIE	1 x PCIE3.0*1/USB3.0 Wafer(2*9pin-2.0)			
扩展接口 Expansion Slots	MiniPCIE Slot	1 x Mini-PCIE slot with Nano-SIM socket(PCIE/USB2.0)			
液晶屏LCD	尺寸size	10.4" XGA TFT ☐	12.1" XGA TFT ☐	15" XGA TFT ☐	15.6" TFT ☐
	分辨率Resolution	1024 x 768	1024 x 768	1024 x 768	1366 x 768
	背光MTBF(hours)	30000hrs	50000hrs	30000hrs	50000hrs
	亮度Luminance	350cd/m2	350cd/m2	400cd/m2	400cd/m2
	对比度Contrast Ratio	900 : 1	1000 : 1	800:1	800:1
	视角Viewing Angle	(L)75/(R)75/(T)75/(B)75	(L)80/(R)80/(T)60/(B)80	(L)85/(R)85/(T)85/(B)85	(L)85/(R)85/(T)50/(B)80
	尺寸size	18.5" TFT ☐			
	分辨率Resolution	1366 x 768			
	背光MTBF(hours)	30000hrs			
	亮度Luminance	250cd/m2			
	对比度Contrast Ratio	1000:1			
	视角Viewing Angle	(L)89/(R)89/(T)89/(B)89			
触摸屏Touch Screen	类型Type	多点电容式触摸屏 Multi point capacitive touch screen			
	透光率Transmittance	> 87%			
	控制器Controller Interface	USB			
电源 Power Input	输入电压 Power Supply Voltage	12~24V DC input, +/-10% tolerance			
	最大功耗Power Consumption	23Watt			
操作系统 OS	操作系统 OS	UOS、Kylin等国产操作系统			
机构Mechanical	尺寸size	10.4" XGA TFT ☐	12.1" XGA TFT ☐	15" XGA TFT ☐	15.6" TFT ☐
	重量 Weight	1.39Kg	1.48Kg	1.72Kg	1.81Kg
	总体尺寸 Dimensions(L x W x H)	298.5mmx238.5mmx58.5m	328mm x 239mm x 58.5mm	371mm x 295mm x 58.5mm	405mm x 258mm x 58.5mm
	开孔尺寸 Cut out size(W x H)	282mm x 222mm	311mm x 222mm	354mm x 278mm	388mm x 241mm
	尺寸size	18.5" TFT ☐			
	重量 Weight	2.08Kg			

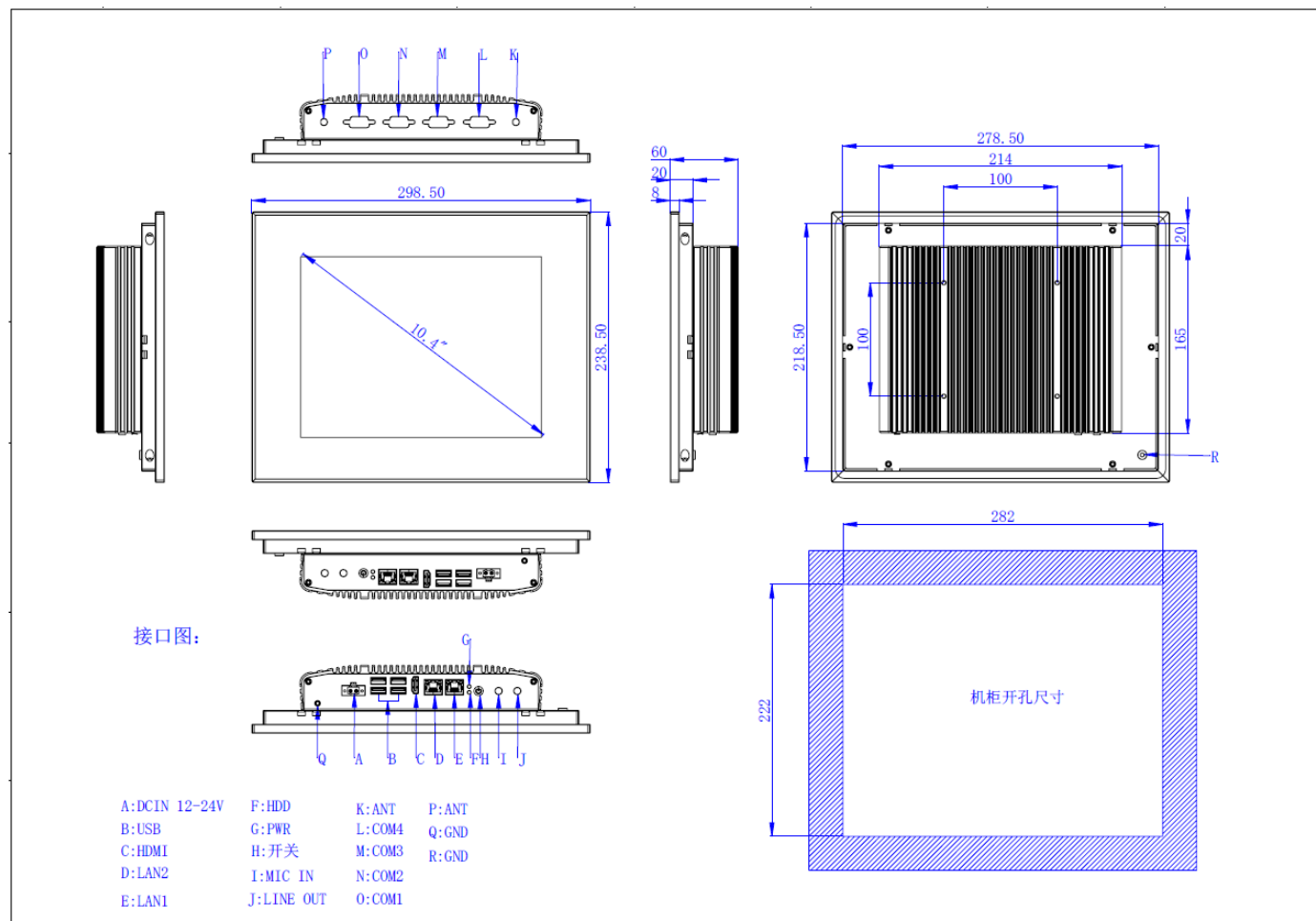
LPC-60B2



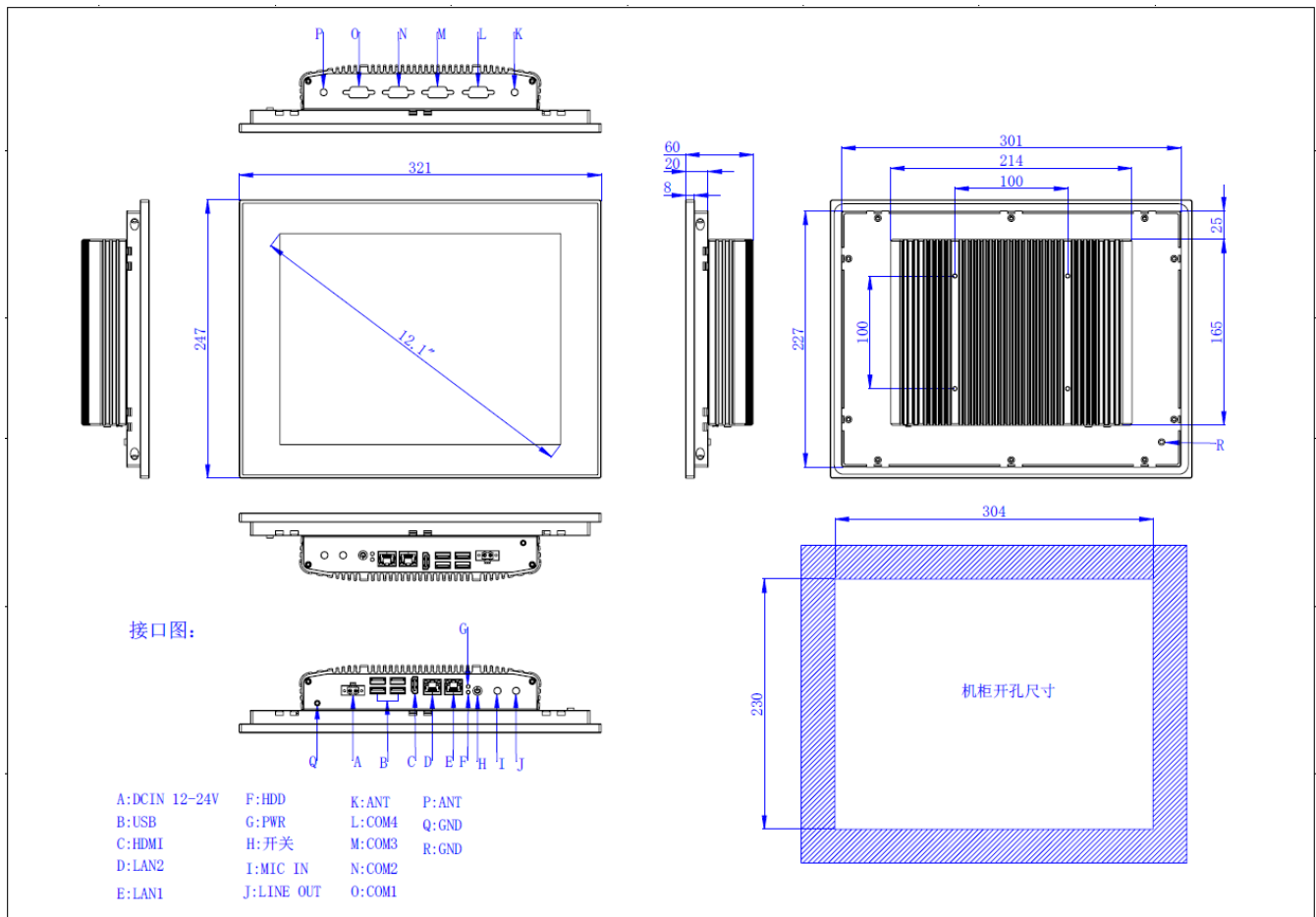
	总体尺寸 Dimensions(L x W x H)	480mm x 304mm x 58.5mm			
	开孔尺寸 Cut out size(W x H)	463mm x 287mm			
	安装方式 Installation	Panel Mounted & VESA Mounted			
环境 Environmental	操作温度 Operating Temp	-10°C ~ 45°C			
	存储温度 Storage Temp	-40°C ~ 80°C			
	湿度 Relative Humidity	5% ~ 95%, 非凝结状态 Non-condensing			
	振动 Vibration	5~500Hz, operation: 1Grms; Non-operation: 2Grms			
	机械冲击 Shock	Operation: 5G@11ms Non-operation: 10G@11ms			

1.3 外观尺寸

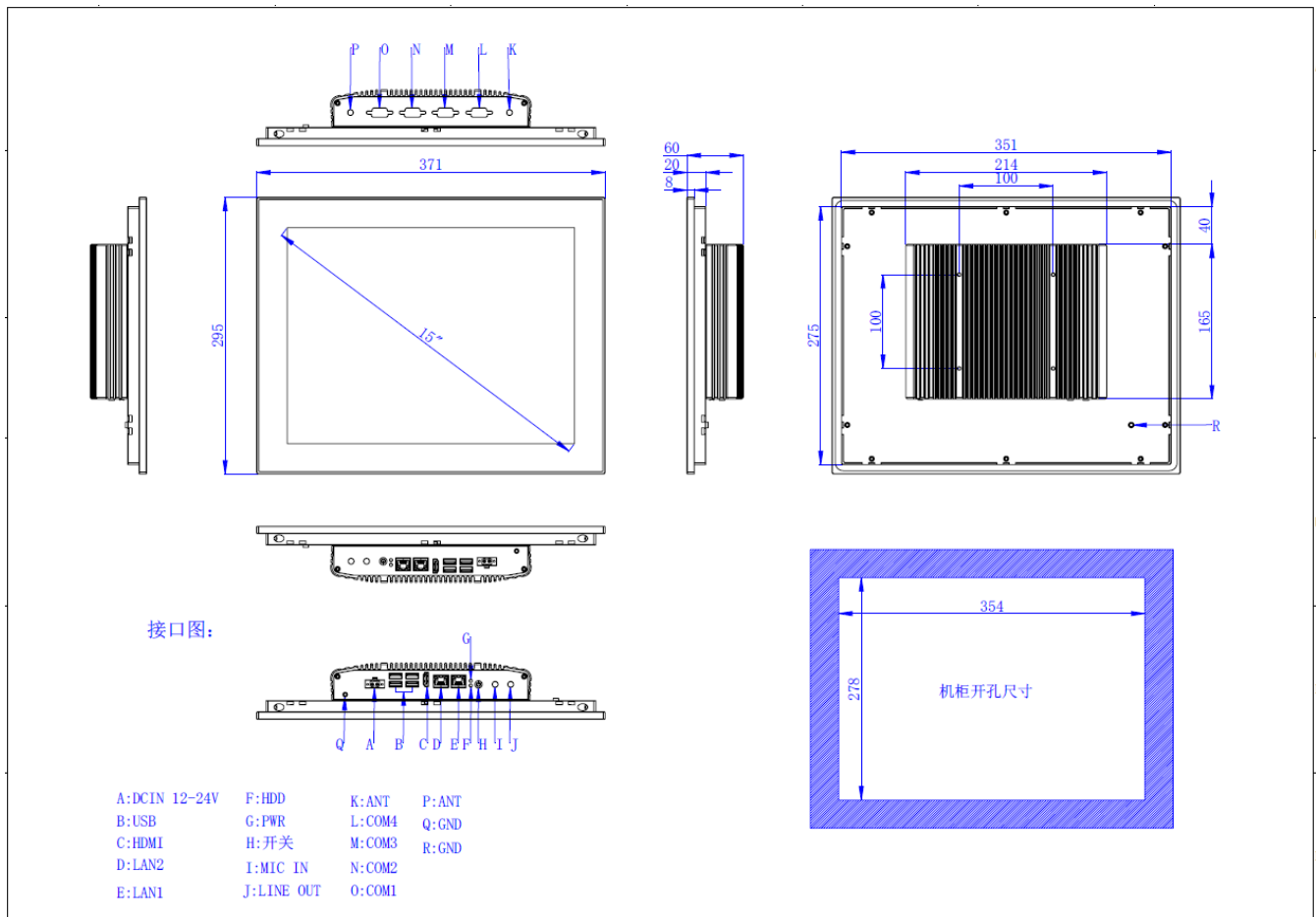
LPC-60B2-104C00_(10.4寸)



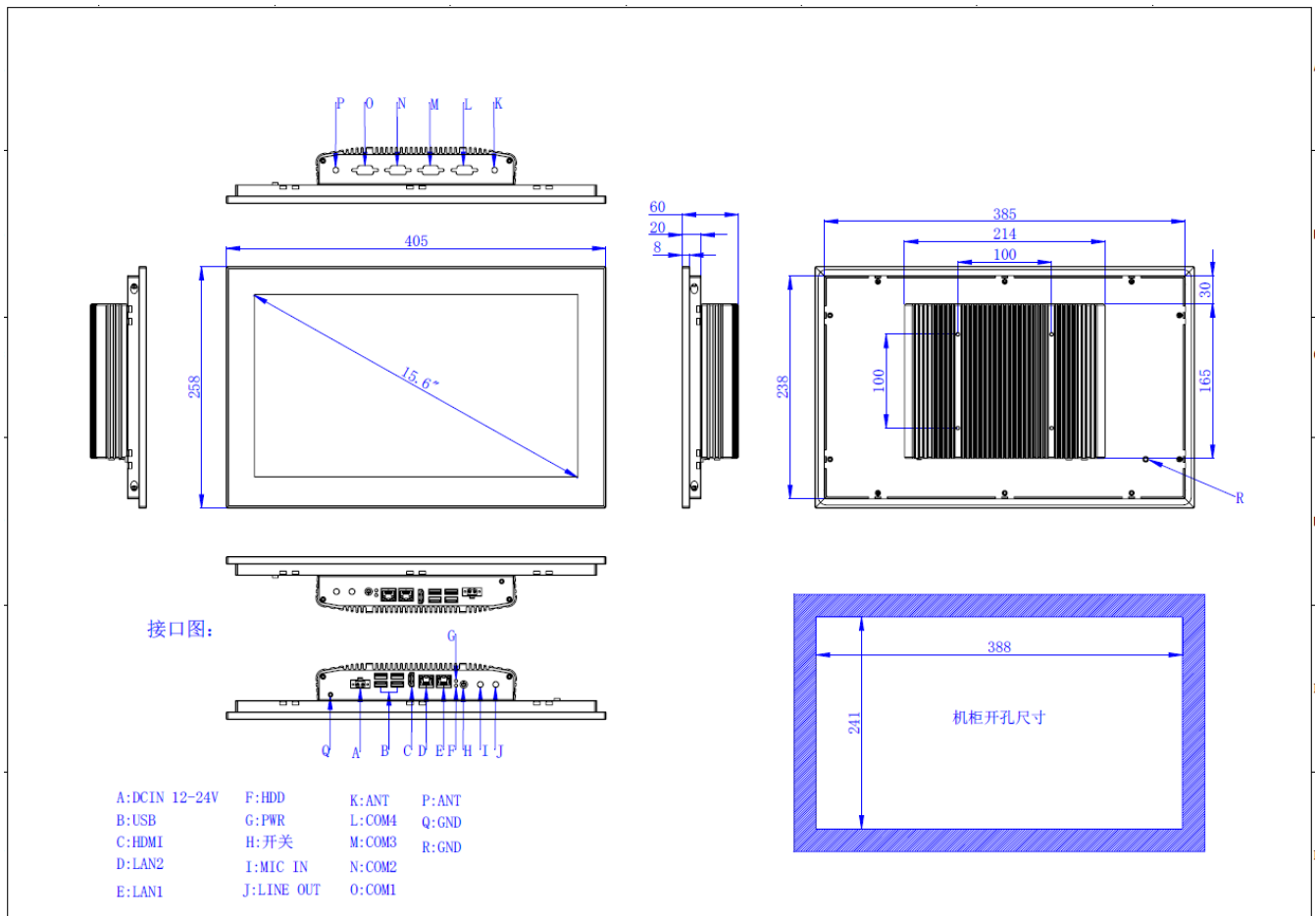
LPC-60B2-12.1C00_(12.1寸)



LPC-60B2-15.1C00_(15.1寸)



LPC-60B2-15.6C00_(15.6寸)



LPC-60B2-18.5C00_(18.5寸)

