***显示系统***

***w w w . i e i w o r l d . c o m***



**PPC-F H81系列**

*智能工业平板电脑*

●支持iRIS- 2400威强电智能解决方案

●可扩展的英特尔®H81芯片组支持LGA1150英特尔®™第四代核心i7 / i5 / i3,Pentium®或赛扬®处理器高达65 wTDP

●JI坚固IP65铝质前面板

●美观超薄边框为无缝式安装

●投射电容式多点触摸

●双全尺寸PCIe迷你卡扩张

●AC / DC电源输入选项(DC型号根据订单生产)

*规格参数*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **型号** | **PPC-F15A** | **PPC-F17A** | **PPC-F22A** | **PPC-F24A** |  |
|  | LCD 尺寸 | 15’’ (4:3) | 17’’ (5:4) | 21.5’’ (16:9) | 23.8” (16:9) |  |
|  |  | 1024(W) x 768(H) | 1280(W) x 1024(H) | 1920(W) x 1080(H) | 1920(W) x 1080(H) |  |
|  | 亮度(cd/m²) | 450 | 350 | 250 | 250 |  |
| LCD | 对比率 | 800 : 1 | 800 : 1 | 1000 : 1 | 3000 : 1 |  |
| LCD颜色 | 16.2M | 16.7M | 16.7M | 16.7M |  |
|  |  |
|  | 像素间距 | 0.297 x 0.297 | 0.26 x 0.26 | 0.25 x 0.25 | 0.28 x 0.28 |  |
|  | 可视角度 (H-V) | 160**°** / 150**°** | 170**°** / 160**°** | 170**°** / 160**°** | 178**°** / 178**°** |  |
|  | 背光灯 (hrs) | 70000 | 50000 | 30000 | 30000 |  |
|  | SBC Model |  | FPPCMB-H81-R10 |  |  |
| 主板 | CPU | LGA1150 Intel® 4th generation Core™ i7/i5/i3, Pentium® or Celeron® processor with up to 65W TDP |  |
| 芯片组 |  | Intel® H81 |  |  |
|  |  |  |  |
|  | RAM | Support 2 x 204-pin 1066/1333/1600 MHz dual-channel DDR3 SO-DIMM slots (max. 16GB) |  |
|  |  | 5-wire resistive single touch window, 3H/Penmount 9000 |  |  |  |
| 触摸 | 触摸屏& 控制器 | (Anti-glare Surface) | 10-point Projected capacitive touch window, 6H/EETI EXC3188 |  |
| 10-point Projected capacitive touch window, 6H/EETI EXC3188 | (Anti-UV, Anti-glare Surface) |  |
|  |  |  |
|  |  | (Anti-UV, Anti-glare Surface) |  |  |  |
|  |  |  | 2 x RJ-45 LAN Port | 1 x VGA output |  |  |
|  |  |  | 2 x USB 3.1 Gen 1 (5Gb/s) | 1 x AC/DC power plug |  |  |
|  |  |  | 4 x USB 2.0 | (DC model is by build to order manufacturing) |  |
|  | I/O接口 & 开关 |  | 1 x HDMI output | 1 x AT/ATX switch |  |  |
|  |  | 4 x RS-232 | 1 x Clear CMOS |  |  |
| 输入端口 |  |  | 1 x RS-422/485 | 1 x Reset button |  |  |
|  |  |  | 1 x MIC-in | 1 x Power switch |  |  |
|  |  |  | 1 x Line-out |  |  |  |
|  | 扩展 |  | 1 x Full-size/half-size PCIe Mini card (PCIe and USB signal) |  |  |
|  |  | 1 x Full-size/half-size PCIe Mini card (PCIe , USB and mSATA signal) |  |  |
|  |  |  |  |  |
| 无线 |  |  | 802.11 b/g/n (optional) |  |  |
| 驱动器材之架 |  | 1 x 2.5” HDD/SSD drive bay | 1 x 2.5” HDD/SSD drive bay or 1 x 3.5” HDD/SSD drive bay |  |
|  |  | 1 x mSATA | 1 x mSATA |  |  |
|  |  |  |  |  |
| iRIS 远程管理方案 |  |  | iRIS-2400 (optional) |  |  |
|  | 材质 |  | Aluminum front cover and sheet metal rear cover |  |  |
|  | 安装方式 | Panel mount, rack mount, 100x100 VESA mount | Panel mount, 100x100 VESA mount |  |
| 物理属性 | 外壳颜色 |  | Black C |  |  |
| 尺寸(mm) | 303 x 378.5 x 68.7 | 341.4 x 408.4 x 73.8 | 350.4 x 550.4 x 71.7 | 382 x 600 x 71.7 |  |
|  |  |
|  | 开孔尺寸 (mm) | 285.6 x 361.1 | 323 x 390 | 341 x 536 | 359.6 x 577.6 |  |
|  | 净重/毛重(kg) | 5.6/ 8.3 | 7.5/10.7 | 10.1/14.4 | 10.5/14.8 |  |
|  | 操作温度 |  | -10°C ~ 50°C |  |  |
|  | (空气流动) |  |  |  |
|  |  |  |  |  |  |
| 环境 | 存储温度 |  | -20°C ~ 60°C |  |  |
| 相对温度 |  | 10% to 95% (non-condensing) |  |  |
|  |  |  |  |
|  | IP 等级 |  | Front IP 65 |  |  |
|  | 安规和EMC |  | CE & FCC certified |  |  |
|  |  |  | AC input ATX power supply |  |  |  |
|  |  |  | - P/N: 63030-010220-100-RS |  |  |  |
|  | AC 输入 |  | - 220W power supply |  |  |  |

* Input: 90VAC-264VAC, 50/60Hz
* Output (max.): 3.3V@10A, 5V@14A, 12V@14A, -12V@0.3A

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 电源需求 |  | DC input ATX power supply |  |  |  |
|  |  |  |  |  |
|  |  | - P/N: XACE-4520C-RS |  |  |  |
| DC 输入(根据订单需求) |  | - 200W power supply |  |  |  |
|  |  | - Input: 24VDC, 15A (max) |  |  |  |
|  |  | - Output (max.): 3.3V@12A, 5V@12A, 12V@15.4A, -12V@0.5A |  |  |
| 功耗 | 80W | 100W | 110W | 120W |  |

**PPC-F H81-2019-V10** **5-57**

***显示系统***

***w w w . i e i w o r l d . c o m***



*订购信息*



|  |  |  |
| --- | --- | --- |
| 型号 | 描述 |  |
| PPC-F15AA-H81i-P/4G/PC-R22 | 15" 450 cd/m² XGA Panel PC with Intel® H81 chipset, Intel® Pentium® Processor G3420 (3M Cache, 3.20 GHz), TDP 53W, 2GB RAM\*2, support |  |
| iRIS-2400, black color, PSU ACE-A622B, projective capacitive touch window with AG coating, R22 |  |
|  |  |
| PPC-F15AA-H81i-i3/4G/PC-R22 | 15" 450 cd/m² XGA Panel PC with Intel® H81 chipset, Core i3 Dual Core i3-4330 Processor (4M Cache, 3.50 GHz), TDP 54W, 2GB RAM\*2, support |  |
| iRIS-2400, black color, PSU ACE-A622B, PCAP touch window with AG coating, R22 |  |
|  |  |
| PPC-F15AA-H81i-i5/4G/PC-R22 | 15" 450 cd/m² XGA Panel PC with Intel® H81 chipset, Core i5 Quad Core i5-4570S Processor (6M Cache, up to 3.60 GHz), TDP 65W, 2GB RAM\*2, |  |
| support iRIS-2400, black color, PSU ACE-A622B, PCAP touch window with AG coating, R22 |  |
|  |  |
| PPC-F15AA-H81i-P/4G/R-R22 | 15" 450 cd/m² XGA Panel PC with Intel® H81 chipset, Intel® Pentium® Processor G3420 (3M Cache, 3.20 GHz), TDP 53W, 2GB RAM\*2, support |  |
| iRIS-2400, black color, PSU ACE-A622B, resistive touch window with AG coating, R22 |  |
|  |  |
| PPC-F15AA-H81i-i3/4G/R-R22 | 15" 450 cd/m² XGA Panel PC with Intel® H81 chipset, Core i3 Dual Core i3-4330 Processor (4M Cache, 3.50 GHz), TDP 54W, 2GB RAM\*2, support |  |
| iRIS-2400, black color, PSU ACE-A622B, resistive touch window with AG coating, R22 |  |
|  |  |
| PPC-F15AA-H81i-i5/4G/R-R22 | 15" 450 cd/m² XGA Panel PC with Intel® H81 chipset, Core i5 Quad Core i5-4570S Processor (6M Cache, up to 3.60 GHz), TDP 65W, 2GB RAM\*2, |  |
| support iRIS-2400, black color, PSU ACE-A622B, resistive touch window with AG coating, R22 |  |
|  |  |
| PPC-F17AA-H81i-P/4G/PC-R13 | 17" 350 cd/m² SXGA Panel PC with Intel® H81 chipset, Intel® Pentium® Processor G3420 (3M Cache, 3.20 GHz), TDP 53W, 2GB RAM\*2, support |  |
| iRIS-2400, black color, PSU ACE-A622B, projective capacitive touch window with AG coating, R13 |  |
|  |  |
| PPC-F17AA-H81i-i3/4G/PC-R13 | 17" 350 cd/m² SXGA Panel PC with Intel® H81 chipset, Core i3 Dual Core i3-4330 Processor (4M Cache, 3.50 GHz), TDP 54W, 2GB RAM\*2, |  |
| support iRIS-2400, black color, PSU ACE-A622B, projective capacitive touch window with AG coating, R13 |  |
|  |  |
| PPC-F17AA-H81i-i5/4G/PC-R13 | 17" 350 cd/m² SXGA Panel PC with Intel® H81 chipset,Core i5 Quad Core i5-4570S Processor(6M Cache,up to 3.60 GHz),TDP 65W,2GB |  |
| RAM\*2,support iRIS-2400,black color,PSU ACE-A622B,projective capacitive touch window with AG coating, R13 |  |
|  |  |
| PPC-F17AA-H81i-P/4G/R-R13 | 17" 350 cd/m² SXGA Panel PC with Intel® H81 chipset, Intel® Pentium® Processor G3420 (3M Cache, 3.20 GHz), TDP 53W, 2GB RAM\*2, support |  |
| iRIS-2400, black color, PSU ACE-A622B, resistive touch window with AG coating, R13 |  |
|  |  |
| PPC-F17AA-H81i-i3/4G/R-R13 | 17" 350 cd/m² SXGA Panel PC with Intel® H81 chipset, Core i3 Dual Core i3-4330 Processor (4M Cache, 3.50 GHz), TDP 54W, 2GB RAM\*2, |  |
| support iRIS-2400, black color, PSU ACE-A622B, resistive touch window with AG coating, R13 |  |
|  |  |
| PPC-F17AA-H81i-i5/4G/R-R13 | 17" 350 cd/m² SXGA Panel PC with Intel® H811 chipset, Core i5 Quad Core i5-4570S Processor (6M Cache, up to 3.60 GHz), TDP 65W, 2GB |  |
| RAM\*2, support iRIS-2400, black color, PSU ACE-A622B, resistive touch window with AG coating, R13 |  |
|  |  |
| PPC-F22AA-H81i-i3/4G/PC-R13 | 21.5" 250 cd/m² FHD Panel PC with Intel® H81 chipset, Core i3 Dual Core i3-4330 Processor (4M Cache, 3.50 GHz), TDP 54W, 2GB RAM\*2, |  |
| support iRIS-2400, black color, PSU ACE-A622B, AG projective capacitive touch window, R13 |  |
|  |  |
| PPC-F22AA-H81i-i5/4G/PC-R13 | 21.5" 250 cd/m² FHD Panel PC with Intel® H81 chipset, Core i5 Quad Core i5-4570S Processor(6M Cache, up to 3.60 GHz), TDP 65W, 2GB |  |
| RAM\*2, support iRIS-2400,black color,PSU ACE-A622B, AG projective capacitive touch window,R13 |  |
|  |  |
| PPC-F22AA-H81i-P/4G/PC-R13 | 21.5" 250 cd/m² FHD Panel PC with Intel® H81 chipset, Intel® Pentium® Processor G3420 (3M Cache, 3.20 GHz), TDP 53W, 2GB RAM\*2, support |  |
| iRIS-2400, black color, PSU ACE-A622B, AG projective capacitive touch window, R13 |  |
|  |  |
| PPC-F24AA-H81i-P/4G/PC-R21 | 23.8" 250 cd/m² FHD Panel PC with Intel® H81 chipset, Intel® Pentium® Processor G3420 (3M Cache, 3.20 GHz), TDP 53W, 2GB RAM\*2, support |  |
| iRIS-2400, black color, PSU ACE-A622B, projective capacitive touch window with AG coating, R21 |  |
|  |  |
| PPC-F24AA-H81i-i3/4G/PC-R21 | 23.8" 250 cd/m² FHD Panel PC with Intel® H81 chipset, Core i3 Dual Core i3-4330 Processor (4M Cache, 3.50 GHz), TDP 54W, 2GB RAM\*2, |  |
| support iRIS-2400, black color, PSU ACE-A622B, projective capacitive touch window with AG coating, R21 |  |
|  |  |
| PPC-F24AA-H81i-i5/4G/PC-R21 | 23.8" 250 cd/m² FHD Panel PC with Intel® H81 chipset, Core i5 Quad Core i5-4570S Processor (6M Cache, up to 3.60 GHz), TDP 65W, 2GB |  |
| RAM\*2, support iRIS-2400, black color, PSU ACE-A622B, projective capacitive touch window with AG coating, R21 |  |
|  |  |

*可选配件*



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | PPC-F15A | PPC-F17A | PPC-F22A | PPC-F24A |  |
|  |  |  |  |  |  |
| Arm | ARM-31-RS | ARM-31-RS | ARM-31-RS | ARM-31-RS |  |
| Stand | STAND-A21 STAND-A19-RS | STAND-C19-R10 | STAND-C19-R10 | STAND-C19-R10 |  |
| STAND-C19-R10 | STAND-A21-R10 | STAND-A21-R10 | STAND-A21-R10 |  |
|  |  |
| Wall Mount Kit |  | WK-190MS-R10 |  |  |  |
| Panel Mount Kit | FPK-04-R10 |  | FPK-05-R10 | FPK-06-R10 |  |
| Rack Mount Kit | FRK15-R10 | FRK17-R10 |  | N/A |  |
| Wi-Fi Kit |  | EMB-WIFI-KIT11-R20 |  |  |  |
| iRIS (IEI Remote Intelligent System) Kit |  | iRIS-2400-R10 |  |  |  |

*包装清单*



|  |  |  |
| --- | --- | --- |
| Item | Q’ty | Remark |
| Power Cord | 1 | Depends on shipping region |
| Screw Kit | 1 |  |
| Touch Pen | 1 | Resistive touch only |

**5-58** **PPC-F H81-2019-V10**

***显示系统***



*PPC-F15A*

*完全集成的I / O*

*PPC-F17A*

*完全集成的I / O*

*PPC-F22A*

*完全集成的I / O*

*PPC-F24A*

*完全集成的I / O*

*PPC-F15A结构尺寸*

*(单位:mm)*

4.20

1

36.40

|  |
| --- |
| 40.88 |

***w w w . i e i w o r l d . c o m***

GbE LAN USB 3.1 Gen 1 RS-422/485 Power Switch Line-out



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AC Input | USB 2.0 Reset |  |  | AT/ATX RS-232 |  | VGA | HDMI USB 2.0 | Mic |
|  |  |  |  | Clear CMOS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | GbE LAN |  | USB 3.1 Gen 1 | RS-422/485 |  | Power Switch |  | Line-out |



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| AC Input | USB 2.0 Reset |  |  |  | AT/ATX RS-232 VGA HDMI | USB 2.0 Mic |
|  |  |  |  | Clear CMOS |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | GbE LAN USB 3.1 Gen 1 RS-422/485 | Power Switch Line-out |



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| AC Input | USB 2.0 Reset |  | AT/ATX RS-232 |  | HDMI USB 2.0 Mic |  |
|  |  |  |  |  |  |  |  | Clear CMOS |  |  | VGA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | GbE LAN USB 3.1 Gen 1 RS-422/485 |  | Power Switch |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | Line-out |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AC Input |  |  | USB 2.0 | Reset | AT/ATX | RS-232 | HDMI USB 2.0 Mic |  |  |
|  |  |  |  |  | Clear CMOS | VGA |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 358.10 ±0.50 |  |  |  |  |  |  |  |  |  |  |  |  |
| 194.20 | 81.95 |  |  |  |  |  |  |  |  | 6285. |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 361.1 |  |  |  |
| 378.50 ±0.50 |  |  |  |  |  |  |  |  |  |  |  |  |
| 306 ±0.30 |  |  |  |  |  |  |  | 160 |  | 90 |  |  |
|  |  |  |  |  |  |  | 5 |  | 5 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 3083. | 236.±0.2080 | 282.60±0.50 | 5022. | 5014. |  |  |  | 14.50 |  |
|  | 230±0.30 | 303±0.50 | 116 |  | 8 | 100 |  | 8 | 95 |  |
|  |  |  |  |  |  |  |  |  |  | 2 |  |  |
|  |  |  |  |  |  |  | 108.50 |  | 100 | 139.25 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 49.20 ±0.20 |  |  | 20.90 | 173.30 | 20.90 |  |  |
|  |  |  | 8 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 68.66 ±0.50 |  |  | 81.70 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |



**PPC-F H81-2019-V10** **5-59**

***显示系统***

***w w w . i e i w o r l d . c o m***



*PPC-F17A结构尺寸*

*(单位:mm)*

390

389

222.60

|  |
| --- |
| 323 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 408.40 |  | 24.20 | 73.80 |  |  |
| 340 |  |  |  |
|  |  | 8 |  |  |  |
| 40164. | 30272. | 341.40 |  | 331.50 |  |
| 82.40 |  |  |  | 9058. |  |
|  |  |  | 9.90 | 16.89 |  |



|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *PPC-F22A 结构尺寸* |  |  |  |  |  |  |  |  |
| *(Unit: mm)* |  |  |  |  |  |  |  | 341 |  |
|  |  |  |  |  |  |  |  |  |
|  | 20 | 210 |  | 210 | 20 |  |  |  |  |
|  |  |  | 550.40 |  | 10.26 | 60.90 | 10.20 |  |  |
|  |  |  |  |  |  |  |
| 94 |  |  |  |  |  |  |  |  |  |
| 150 | 358.40 |  |  |  | 269 |  | 50266.338 |  |  |
|  |  |  |  |  |  |  |  | B-M4-5L |  |
|  |  |  |  |  |  |  | 5071. |  |  |
|  |  |  | 477 |  |  |  | 10.20 |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | 533 |  |  |  |  |  |  |
| *PPC-F24A 结构尺寸* |  |  |  |  |  |  | 577.60 |  |
|  |  |  |  |  |  |  |  |
| *(Unit: mm)* |  |  |  |  |  |  |  |  |  |
|  |  | 574.6 |  |  |  |  |  |  |
|  | 161.2 | 80.6 | 80.6 |  | 161.2 |  |  |  |  |
|  |  |  | 600 |  |  | 71.70 | 12.70 |  |  |
|  |  | 528.6 |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | 298392 |  | 133.6281.6060356. | 100 |  |



71.50

159.70

100

|  |  |  |
| --- | --- | --- |
|  | 100 |  |
| 4-M4-4.5L | 60120. |  |
|  |  |

201.70

243.50

536

100

|  |
| --- |
| 100 65129. |

|  |
| --- |
| 60359. |

1. 100

50  50

79.85

159.70 159.70

**5-60** **PPC-F H81-2019-V10**