

DRPC-240-TGL-U

无风扇导轨嵌入式系统 采用 Tiger Lake 第11代 Intel® Core™ 方案 (四大核心)



Features

» 支持的CPU:

Intel® Celeron® 6305/6305E 1.8 GHz (dual-core, 15W TDP)

Intel® Core™ i5-1145G7E 1.5 GHz (up to 4.1 GHz, quad-core, 15W TDP)

Intel® Core™ i7-1185G7E 1.8 GHz (up to 4.4 GHz, quad-core, 15W TDP)

» 4 x 2.5GbE ports, 支持PoE(可选)

» 2 x RS-232 & 2 x RS-422/485 (2.5kV隔离)

» 兼容CE/FCC

Specifications

Form factor	
SBC Form Factor	» CPU:
	Intel® Celeron® 6305/6305E 1.8 GHz (dual-core, TDP 15W)
	Intel® Core™ i5-1145G7E 1.5 GHz (up to 4.1 GHz, quad-core, TDP 15W)
	Intel® Core™ i7-1185G7E 1.8 GHz (up to 4.4 GHz, quad-core, TDP 15W)
	» 芯片组:
	SoC
	» 系统内存:
	2 x SO-DIMM DDR4 3200 MHz (预装8 GB) (支持多达到64GB)
	» 电源:
	输入: 接线端子: 12 ~ 28V直流
	功率: 12V @ 6.98A (Intel® Core™ i5-1145G7E带8GB内存)
I/O Interface	
I/O Ports	» USB:
	2 x USB 3.2 Gen 2
	2 x USB 2.0
	» Ethernet: 4 x RJ-45 (* 支持可选的 PoE AF 模块)
	1 x 2.5 GbE by Intel® I225LM
	3 x 2.5 GbE by Intel® I225V (colay I225LM)
	» COM Port:
	2 x RS-422/485 with AFC (DB-9, 带2.5kV隔离)
	2 x RS-232 (DB-9, 带2.5kV隔离)
	» Digital I/O:
	12-bit Digital I/O (6-in/ 6-out) (optional)
	» 显示:
	1 x HDMI™ (up to 3840 x 2160@30Hz)
	1 x DP++ (up to 4096 x 2304@60Hz)
	» TPM:
	支持Intel PTT

	» 看门狗:
	可编程 1 ~ 255 秒/分钟
Expansion Slots	
Expansion Slots	» M.2:
	1 x 2230 A-key (PCIe Gen3 x1/USB 2.0)
	1 x 3042/52/80 B-key (PCIe Gen3 x1/USB 3.0/USB 2.0)
	1 x 板载SIM卡槽 (合页类) 适用于M.2 B key
	» 背板:
	1 x PCIe x4
	(选配)
System	
Cooling method / System Fan	无风扇
	4 针外部系统风扇连接器
Drive Bays	1 x 2.5" SATA 6Gb/s HDD/SSD bay
Indicator&Buttons	
Buttons	1 x 电源开关
	1 x 复位开关
	1 x AT/ATX switch
Indicators	1 x 电源灯 (绿色)
	1 x 硬盘灯 (黄色)
Physical Characteristics	
Construction	铝合金
Color	
Color	黑色
Dimensions	
Dimensions	81 x 150 x 190
Weight	
Weight	2.15/ 2.5 kg
Environment	
工作温度	-20°C ~ 60°C 有气流 (SSD)
相对湿度	10% ~ 95% 无冷凝
Operating Vibration	Half-sine wave shock 5G, 11ms, 100 shocks per axis (SSD)
Operating Shock	MIL-STD-810G 514.6C-1 (SSD)
安规&电磁	兼容 CE/FCC
OS Support	
OS Support	Microsoft Windows 10 / Windows 11, Linux

Ordering Information

DRPC-240-TGL-U-i7CS-R10	Fanless embedded system, Intel®Tiger Lake-U i7-1185G7E 1.8GHz (quad core, TDP 15W), 8GB DDR4 pre-installed memory, HDMI/DP++, 4 x 2.5GbE LAN, 4 x COM, DIO, 12~28V DC and RoHS
DRPC-240-TGL-U-i5CS-R10	Fanless embedded system, Intel®Tiger Lake-U i5-1145G7E 1.5GHz (quad core, TDP 15W), 8GB DDR4 pre-installed memory, HDMI/DP++, 4 x 2.5GbE LAN, 4 x COM, DIO, 12~28V DC and RoHS
DRPC-240-TGL-U-W10E64-V-R10	OS Image with Windows® 10 Enterprise Value 64-bit 2019 for DRPC-240-TGL-U Celeron/i3/i5 Series, with DVD-ROM, RoHS
DRPC-240-TGL-U-W10E64-H-R10	OS Image with Windows® 10 Enterprise High End 64-bit 2019 for DRPC-240-TGL-U i7 Series, with DVD-ROM, RoHS
DRPC-240-TGL-U-CECS-R10	Fanless embedded system, Intel®Tiger Lake-U Celeron® 6305E 1.8GHz (dual core, TDP 15W), 8GB DDR4 pre-installed memory, HDMI/DP++, 4 x 2.5GbE LAN, 4 x COM, DIO, 12~28V DC and RoHS

Packing List

1 x DIN-Rail mounting kit	1 x Screw pack
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1 x Terminal block	
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