

DRPC-230-ULT5

■ Fanless DIN-Rail Embedded System

■ Intel® Core™ i5-8365UE 1.6GHz (quad core) Solution

New



Features

- Whiskey Lake Core™ i5-8365UE
- Triple GbE LAN Ports
- Multiple USB 3.2 Gen 2 (10Gb/s)
- Multiple COM Ports
- Modularized Flexible Expansion



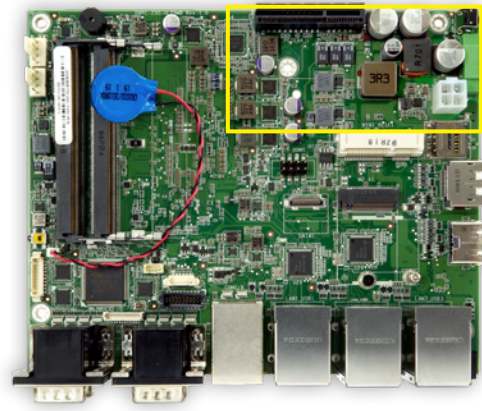
Specifications

Model Name		DRPC-230-ULT5-i5/S	DRPC-230-ULT5-i5	DRPC-230-ULT5-C/S	
Chassis	Color	Black and Silver			
	Dimensions (WxDxH)	190 x 150 x 81 mm	190 x 150 x 127 mm	190 x 150 x 81 mm	
	System Fan	Fanless			
	Chassis Construction	Extruded aluminum alloy			
Motherboard	CPU	Intel® Core™ i5-8365UE Processor (Whiskeylake-U)	Intel® Whiskey Lake Celeron™ 4205U		
	Chipset	SoC			
	System Memory	2 x DDR4 2400Hz SO-DIMM (up to 32GB)			
Storage	SATA	1 x 2.5" SATA 6Gb/s HDD/SSD bay			
	USB 3.2 Gen 2	6	4		
I/O Interfaces	USB 2.0	1 by pin header	2		
	Ethernet	2 x Intel® I210 GbE LAN (colay Intel® I211) 1 x Intel® I219 GbE LAN			
	COM Port	4 x RS-232/422/485 with AFC (DB9) 2 x RS-232 (RJ-45)			
	Digital I/O	8-bit by pin header			
	Display	1 x Lockable HDMI, 1 x DP			
	TPM 2.0	Pin header			
	Others	1 x Power button 1 x Reset button 1 x AT/ATX switch	1 x LED for power (green) 1 x LED for HDD (yellow)		
	Expansions	PCIe Mini	1 x Full-size (PCIe/USB 3.0/SATA)		
		M.2	1 x 2230 A-Key (PCIe/USB 2.0)	1 x 2230 A-Key (PCIe)	
Backplane		1 x PCIe Gen3x4, 1 x USB2.0			
SIM		1x On-board SIM slot			
Power	Power Input	3-pin terminal block: 12~24V DC *Reserved internal power (60W)			
	Power Consumption	12V @ 4.98A			
Reliability	Mounting	DIN-Rail			
	Operating Temperature	-20 ~ 60°C			
	Storage Temperature	-40 ~ 85°C			
	Humidity	10 ~ 95% non condensing			
	Operating Shock	Half-sine wave shock 5G, 11ms, 100 shocks per axis, IEC68-2-27			
	Operation Vibration	MIL-STD-810G 514.6C-1 (SSD)			
	Weight (Net/ Gross)	2.9KG/3.2KG	3.2 kg/ 3.5kg	2.9KG/3.2KG	
	Safety / EMC	CE, FCC			
	Watchdog timer	Programmable 1~255 sec/min			
	OS	Supported OS	Microsoft® Windows 10, Linux		

Expandable Layer

DRPC-230 is designed to achieve AI inference and PoE applications through its expansion feature. The system is compatible with IEI's own accelerator cards (Mustang-V100-MX8, Mustang-V100-MX4) and PoE cards (GPOE-4P, GPOE-2P).

For PoE cards, DRPC-230 has reserved a 60W internal power to provide. DRPC-230 is also possible to expand I/O through the second layer; its modularized flexibility could best fit users' preferences.



Reserved 60W internal power for PoE card



