

DRPC-330-A7K

Fanless DIN-Rail Embedded System with Marvell® ARMADA® 88F7040 Solution



Features

- » Marvell® ARMADA® 88F7040
- » Supporting 10GbE SFP+
- » Multiple COM Ports with isolation
- » Multiple expansion slots
- » Wide power input 9~36V

Specifications

Form factor	
SBC Form Factor	» CPU:
	Marvell® ARMADA® 88F7040
	» Chipset:
	SoC
	» System Memory:
	1 x On-board DDR4 2400 (4GB pre-installed)
	» Power:
	Terminal block: 9 ~ 36V DC
	Consumption: 36V @ 0.86A (Marvell® ARMADA® 88F7040 CPU with 4GB 2400 MHz DDR4 on-board memory)
	» Reliability:
	Operating Shock: Half-sine wave shock 5G, 11ms, 100 shocks per axis, IEC68-2-27
	Operating Vibration: MIL-STD-810G 514.6C-1 (SSD)
	Safety/EMC – CE/FCC
I/O Interface	
I/O Ports	» 2 x USB 3.2 Gen1
	» Ethernet:
	2 x RJ-45:
	2 x GbE by Marvell® 88E1512
	1 x SFP+:
	1 x 10GbE by Marvell® 88F7040
	» COM Port:
	1 x Console (RJ45)
	2 x RS232/422/485 with AFC (DB9 with 2.5kV isolation)
	2 x RS232 (DB9 with 2.5kV isolation)
	» TPM:
	1 x TPM 2.0 (optional)
Expansion Slots	

Expansion Slots	» M.2:
	1 x 2230 A-key (PCIe*1/USB 2.0)
	1 x 2280 B-key (PCIe*1)
	1 x 2242/80 B-key with SIM card slot (PCIe*1/USB 3.0/USB 2.0)
System	
Cooling method / System Fan	Fanless
Indicator&Buttons	
Buttons	1 x Power button
	1 x Reset button
	1 x Clear CMOS
Indicators	1 x Power LED
	1 x HDD LED
	1 x Storage LED
Physical Characteristics	
Construction	Extruded aluminum alloy
Color	
Color	Black
Dimensions	
Dimensions	58.75 x 130 x 174 mm
Weight	
Weight	1.3KG / 1.45KG
Environment	
Operating Temperature	-20 ~ 60°C with air flow
Humidity	10 ~ 95% non condensing

Ordering Information

DRPC-330-A7K-A1/4G-R10	Fanless system with Marvell Armada 7040 processor, 4GB DDR4 on-board memory, two 1GbE, one 10GbE via SFP+(without transceiver), multiple M.2 expansions, COM, 9~36VDC, RoHS
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Packing List

1 x Din-rail mounting kit	1 x Screw kit
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