

DRPC-W-EHL1

Fanless DIN-Rail Embedded System, Intel® Elkhart Lake Atom™ x6000 Series Solution



Features

- » Support Intel® Elkhart Lake Atom™ x6000 series on-board SoC
- » Support dual independent display
- » High speed I/O interface for USB 3.2 gen 2, SATA 6Gb/s
- » Dual 2.5 GbE LAN with Intel® I225-IT
- » Support one M.2 A key and one M.2 B key slot

Specifications

Form factor	
SBC Form Factor	» Supported CPU:
	Onboard Intel® Atom™ x6000 series / Pentium® / Celeron® processor (Elkhart Lake platform)
	Intel® Celeron® x6211E on-board SoC (up to 3.0 GHz, dual-core, 1.5M Cache, TDP=6W)
	Intel® Celeron® x6413E on-board SoC (up to 3.0 GHz, quad-core, 1.5M Cache, TDP=9W)
	Intel® Celeron® x6425E on-board SoC (up to 3.0 GHz, quad-core, 1.5M Cache, TDP=12W)
	» Chipset:
	SoC
	» System Memory:
	Onboard LPDDR4X 3200MHz 8G (up to 16GB)
	» Power:
	Power Input:12V ~ 28V DC
	» Power consumption:
	12V@3.65A (Intel x6425E with 8GB LPDDR4X)
I/O Interface	
I/O Ports	» USB:
	2 x USB 3.2 Gen 2
	» Ethernet:
	2 x 2.5 GbE by Intel® I225-IT
	» Display:
	1 x HDMI
	1 x DP
	» TPM:
	Support Intel PTT
	» Watchdog Timer:
	Programmable 1 ~ 255 sec/min
Expansion Slots	
Expansion Slots	» M.2:
	1 x 2230 M.2 A Key (PCIe Gen3 x2 & USB 2.0)
	1 x 3042 M.2 B Key (PCIe Gen3 x2 & USB 2.0)
System	
Cooling method / System Fan	Fanless
	4-pin external system fan connector
Drive Bays	1 x 2.5" SATA 6Gb/s HDD/SSD bay
Indicator&Buttons	

Buttons	1 x Power button
	1 x Reset button
	1 x clear cmos button
Indicators	1 x Power LED
	1 x HDD LED
Physical Characteristics	
Construction	Extruded aluminum alloy
Color	
Color	Black
Dimensions	
Dimensions	176 x 116 x 60.8 (mm)
Weight	
Weight	1.03 Kg
Environment	
Operating Temperature	-20°C ~ 70°C with air flow
Humidity	10% ~ 95% non-condensing
Operating Vibration	Half-sine wave shock 5G, 11ms, 100 shocks per axis
Operating Shock	10-500 Hz, 1.04 Grms, random, 1 hr/axis
Safety & EMC	CE/FCC compliant
OS Support	
OS Support	Microsoft Windows 10 / Windows 11, Linux

Ordering Information

DRPC-W-EHL1-x6425EC-R10	Fanless System with onboard Intel® Celeron® x6425E processor, 2 x 2.5GbE Lan, 2 x USB 3.2 Gen2, 1 x HDMI, 1 x DP, 1 x 2.5" SATA HDD bay, onboard LPDDR4X 3200MHz 8G memory, 12-28V DC, RoHs
DRPC-W-EHL1-x6413EC-R10	Fanless System with onboard Intel® Celeron® x6413E processor, 2 x 2.5GbE Lan, 2 x USB 3.2 Gen2, 1 x HDMI, 1 x DP, 1 x 2.5" SATA HDD bay, onboard LPDDR4X 3200MHz 8G memory, 12-28V DC, RoHs
DRPC-W-EHL1-x6211EC-R10	Fanless System with onboard Intel® Celeron® x6211E processor, 2 x 2.5GbE Lan, 2 x USB 3.2 Gen2, 1 x HDMI, 1 x DP, 1 x 2.5" SATA HDD bay, onboard LPDDR4X 3200MHz 8G memory, 12-28V DC, RoHs

Packing List

1 x DIN-rail mounting kit	1 x Screw pack
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