

EPC-R3720DK

Windows 10 IoT Development Kit of EPC-R3720

NEW



Features

- NXP i.MX8M Plus Cortex®-A53 Quad Core 1.6GHz
- On-board LPDDR4 6 GB, 4000MT/s memory
- HDMI up to 3840 x 2160 at 30Hz resolution
- Dual GbE LAN, 1 USB2.0 and 1 USB3.2 Gen 1
- 1 Micro SD Socket
- 1 mini-PCIe, 1 M.2 2230 Key E Slot
- Windows 10 IoT

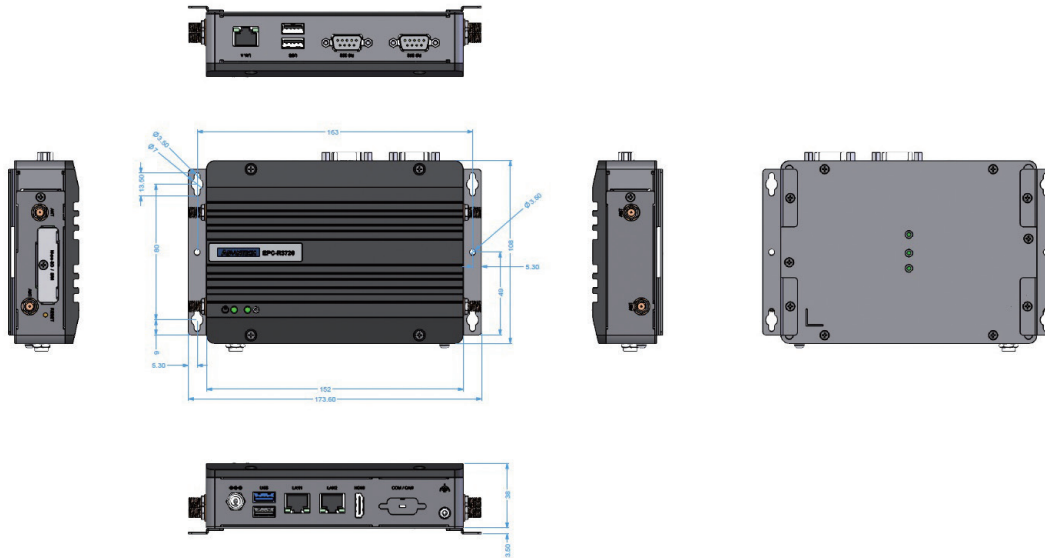


Specifications

Model	EPC-R3720IQ-AWA12B	
Processor System	CPU	NXP i.MX8M Plus Cortex®-A53 Quad 1.6 GHz
Memory	Technology	LPDDR4
	Capacity	6 GB On-board
	Flash	16 GB On-board eMMC Flash for OS and 8 MB QSPI NOR Flash for board information
Graphics	HDMI	1 x HDMI 2.0a, up to 3840 x 2160 at 30Hz
Ethernet	Chipset	NXP i.MX8M Plus integrated RGMII
	Speed	2 10/100/1000 Mbps
Watchdog Timer	Watchdog Timer	N/A
Front I/O	USB	1 x USB3.2 Gen 1 Type A, 1 x USB 2.0 Type A
	GbE	2 x RJ45 for GbE
COM/CAN		1 x DB9 for RS-232 and 1 x CAN-FD
Rear I/O	UIO-4032	
	2 x 2 wires RS-232	
	1 x GbE, 2 x USB 2.0	
Expansion	Full-Size Mini PCIe	1 Full Size Mini-PCIe Slot (USB Signal Only)
	M.2 Micro	1 M.2 2230 Key E Slot (USB/PCIe/SDIO/UART/I2S)
	SD Socket	1 Micro SD Socket
	SIM	1 Nano SIM Slot (No supported in WoA)
	Antenna Holes	4
Power	Power Supply Voltage	+12V
	Power Type	Lockable DC-Jack
	Power Consumption	9.2W
Environment	Operating Temperature	-40 ~ 60 °C
	Operating Humidity	5% ~ 95% relative humidity, non-condensing
Mechanical	Dimensions	174 x 108 x 25 mm
	Mounting	Wall mount, DIN Rail mount
	Weight	750g
Operating System	Windows	Windows 10 IoT
Certifications		CE/FCC Class B/CCC/BSMI

Dimensions

Unit: mm



Ordering Information

Part Number	CPU	Memory	Flash	HDMI	LAN	USB	DI/DO	Serial Port	Micro SD	Nano SIM	CAN	I/O Exp.	Operating Temperature
EPC-R3720IQ-AWA12B	Quad 1.6 GHz	6 GB	16 GB, Windows 10 IoT	1	3	4	-	2 RS-232	1	1	1	UIO-4032	-40 ~ 60 °C

Packing List

Part Number	Description
EPC-R3700-DR01	Wall Mount BKT
96PSA-A36W12W7-5	ADP A/D 100-240V 36W 12V C6 LOCK DC JACK 62368
1700024849-01	Power Cord BSMI 3P 2.5A 125V 180CM

Optional Accessories

Part Number	Description
170203183C	Power Cord 3P Europe (WS-010+WS-083) 183cm
170203180A	Power Cord 3P UK 2.5A/3A 250V 1.83M
1700019146	Power Cord CCC 3P 2.5A 250V 183cm
1700033212-01	Y Cable for CAN & RS-232 Debug

Front I/O

