KINO-DCM236

Mini-ITX SBC supports 6th Intel® Xeon® Processor E3 v5 series, Core™ i3, Celeron® per Intel® CM236, DDR4 with ECC support, HDMI™ 2.0, dual Intel® GbE, SATA 6Gb/s, USB 3.0, PCIe Mini, M.2, HD Audio and RoHS



Features

» Mini ITX form factor with 6th Intel® Xeon® Processor E3 v5 series, Core™ i3,Celeron® support DDR4-2133 memory with ECC support

» HDMI™ 2.0

» ECC support

» Triple display with independent audio

» PCIe x16, dual PCIe Mini and M.2 A key feature support for various function module

» Rich High speed I/O interface for USB 3.0 and SATA 6Gb/s

» Support IEI jumpless

Specifications

System	
CPU	6th generation Intel® processor
	Intel® Xeon® processor E3-1505M v5 (up to 3.7GHz, quad-core, 8M Cache, TDP=45W)
	Intel® Xeon® processor E3-1505L v5 (up to 2.0GHz, quad-core, 8M Cache, TDP=25W)
	Intel® Core™ i3-6102E processor (up to 1.90GHz, dual-core, 3M cache, TDP=25W)
	Intel® Celeron® processor G3902E (up to 1.60GHz, dual-core, 2M cache, TDP=25W)
Chipset	Intel® CM236
Memory	Two 260-pin 2133/1866 MHz dual-channel DDR4 ECC and non-ECC unbuffered SDRAM SO-DIMMs
Memory Max.	64GB
Physical Characteristics	
Dimensions (LxWxH) (mm)	170 X 170
Net Weight	450g
Storage	
Storage	4 x SATA :6Gb/s(RAID 0/1/5/10 support)
I/O Interface	
Display Output	3 x HDMI™ :2 X 1.4(up to 4096X2160@24Hz),1 X 2.0(up to 4096 X 2160@60Hz)
	1 x LVDS 18/24-bit dual-channel (up to 1920x1200@60Hz)
Ethernet	2 x LAN :LAN1: Intel® I219LM with (Intel® AMT 11.0 support)
	LAN2: Intel® I211 PCIe controller with NCSI support
Audio	Description: Realtek ALC662 HD Audio codec supports 5.1-channel
	1 x Line out :on rear IO
	1 x Mic :on rear IO
	1 x Front Audio :2x5 pin
I/O Interface	1 x External RS-232
	3 x Internal RS-232 :1x9 pin, p=1.25
	2 x Internal RS-232/422/485 :1x9 pin, p=1.25
	4 x External USB 3.2 Gen1x1
	4 x Internal USB 2.0 :2x4 pin, P=2.0
	1 x PS/2 :1x6 pin
Expansion	1 x PCIe x16

	2 x PCIe mini Card Slot :1 x Full-size slot(support mSATA), 1 X Half-size slot
	1 x M.2(NGFF) :2230(A Key)
Power	
Power Consumption	12V@6.93A (Intel Xeon E3-1505M V5 2.8GHz CPU with 32 GB (two 16 GB) 2133 MHz DDR4 memory)
Power Supply	12V DC input
	1 x External DC jack (4-pin DIN)
	1 x Internal power connector (2x2 pin)
	Support AT/ATX mode
Environment	
Operating Temperature	-20°C ~ 60°C
Humidity	5% ~ 95%, non-condensing
Certifications	
Safety & EMC	CE/FCC compliant

Ordering Information

KINO-DCM236-E3E-R11	Mini-ITX SBC supports 6th Intel® Xeon® E3-1505L v5(25W) Processor, DDR4 with ECC support, HDMI™ 2.0, SATA 6Gb/s, dual Intel® GbE, USB 3.2, PCIe Mini, M.2, HD Audio and RoHS
KINO-DCM236-E3-R11	Mini-ITX SBC supports 6th Intel® Xeon® E3-1505M v5(45W) Processor, DDR4 with ECC support, HDMI™ 2.0, SATA 6Gb/s, dual Intel® GbE, USB 3.2, PCIe Mini, M.2, HD Audio and RoHS

Packing List

1 x KINO-DCM236 single board computer with CPU coole	2 x SATA cable
1 x I/O shielding	1 x QIG