

KD632-C236

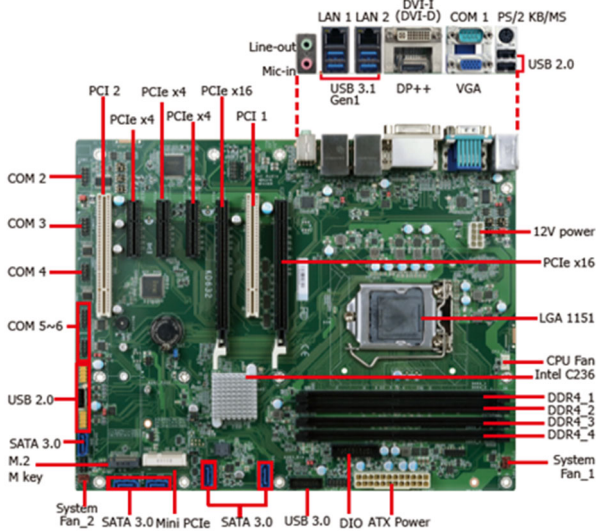
ATX 工业母板，支持第七代、第六代 Intel® Core™ i7/i5/i3 处理器

产品特点：

- 板载 4 × DDR4 ECC/Non-ECC U-DIMM 内存插槽，最大可达 64GB
- 支持三屏显示，1 × VGA，2 × DVI-D，1 × DP++ 分辨率 4096x2160 @ 60Hz
- 多种规格扩展槽 2 × PCIe x16 (1 x16 signal or 2 x8 signals), 3 × PCIe x4, 2 × PCI, 2 × Mini PCIe,
- 丰富的 I/O 接口 2 × Intel GbE, 6 × COM, 6 × USB 3.1 Gen, 7 × USB 2.0



产品示意图



订购指南

- KD632-C236
- ATX 工业母板，支持第七、六代 Intel® Core™ i7/i5/i3 处理器

包装清单

- KD632-C236
- KD632-C236 /O 挡板
- 驱动光盘
- 可选配件
- USB 2.0 port cable
- USB 3.1 Gen1 port cable
- COM port cable
- Serial ATA data cable
- Front Audio cab
- LPC EXT-RS232 module
- LPC EXT-RS485 module



规格

处理器系统	处理器	Intel® Xeon® E3 v5/v6 LGA 1151 Socket Processors with TDP up to 80W with C236 SKU 6th/7th Generation Intel® Core™ /Pentium®/Celeron® LGA 1151 Socket Processors with TDP up to 95W	
	芯片组	Intel® C236 Chipset	
	内存	Four 288-pin ECC/Non ECC U-DIMM up to 64GB	
	BIOS	Insyde SPI 128Mbit	
显示	控制器	Intel® HD Gen 9 Graphics	
	特征	OpenGL 5.0, DirectX 12, OpenCL 2.1 HW Decode: AVC/H.264, MPEG2, VC1/WMV9, JPEG/MJPEG, HEVC/H265, VP8, VP9 HW Encode: MPEG2, AVC/H264, JPEG, HEVC/H265, VP8, VP9	
	显示接口	1 x VGA、1 x DVI-I (DVI-D signal)、1 x DP++	
	三屏显示	VGA + DVI-I (DVI-D signal) + DP++	
扩展插槽	接口	2 x PCIe x16 (1 x16 or 2 x8 signal) (Gen 3) 3 x PCIe x4 (Gen 3) 2 x PCI 1 x M.2 2260/2280 M key (SATA3.0/PCIe Gen3 x 2 NVMe) (Optane memory support) 1 x Mini PCIe (PCIe/mSATA/USB 2.0)	
		音频	音频芯片
ETHERNET	网口芯片	1 x Intel® I211AT PCIe (10/100/1000Mbps) 1 x Intel® I219LM PCIe with iAMT11.0 (10/100/1000Mbps) (only Xeon/Core i7/i5 supports iAMT)	
外部 I/O接口	网口	2 x GbE (RJ-45)	
	USB	4 x USB 3.1 Gen1、2 x USB 2.0	
	串口	1 x RS-232/422/485 (RS-232 w/ power) (DB-9)	
	PS/2	1 x PS/2 (mini-DIN-6)	
	显示接口	1 x VGA、1 x DVI-I (DVI-D signal)、1 x DP++	
	音频	1 x Line-out, 1 x Mic-in, 1 x Line-in (opt., MOQ required)	
内部 I/O接口	串口	1 x RS-232/422/485 (RS-232 w/ power) (2.54mm pitch) 4 x RS-232 (2.54mm pitch)	
	USB	2 x USB 3.1 Gen1、4 x USB 2.0 + 1 x Vertical USB 2.0 (type A)	
	音频	1 x Front Audio Header、1 x S/PDIF	
	存储接口	5 x SATA 3.0 (up to 6Gb/s) (1 SATA shared with mini PCIe (SATA), default at mini PCIe/2 SATA shared with M.2, default at M.2), RAID 0/1/5/10	
	DIO	1 x 8-bit DIO	
	LPC	1 x LPC (supports LPC EXT-RS232/RS485 module)	
	SMBus	1 x SMBus	
看门狗	Interval	System Reset, Programmable via Software from 1 to 255 Seconds	
安全性	TPM	Infineon TPM1.2/2.0 (opt., MOQ required)	
	类型	ATX	
电源	接口	8-pin ATX 12V power	24-pin ATX power
	Consumption	TBD	
	RTC Battery	CR2032 Coin Cell	
操作系统		Windows 7 32/64-bit Window 8.1 64-bit Windows 10 64-bit Ubuntu 16.04 Note: 7th Gen CPU SKU ONLY support Windows 10 64-bit & Ubuntu 16.04.	
	温度	Operating: 0 to 60° C Storage: -30 to 60° C with RTC Battery; -40 to 85° C without RTC Battery	
环境指标	湿度	Operating: 5 to 90% RH	Storage: 5 to 90% RH
	MTBF	TBD	
机械指标	尺寸	ATX Form Factor	305mm (12") x 244mm (9.6")
	厚度	PCB: 1.6mm	Top Side: TBD Bottom Side: TBD

