

DMS-SC38

国产兆芯 CPU 平台

桌面 & 嵌入式工控机



特性

- 中国自主化处理器，兆芯 KX-6000 系列平台
- x86 32/64 指令全兼容，支持扩展指令 SSE4.2/AVX
- 支持 SM3 与 SM4 加速指令
- 支持双通道，2 x 288-pin U-DIMM，最高容量 64GB
- 支持双屏显示 VGA+DVI-D, VGA+HDMI, HDMI+DVI-D
- 支持 Win 7/10 及国产麒麟/统信/凝思 Linux 操作系统
- 支持 300W ATX 电源
- 尺寸 (W x H x D) : 370x325.5x180 mm

概述



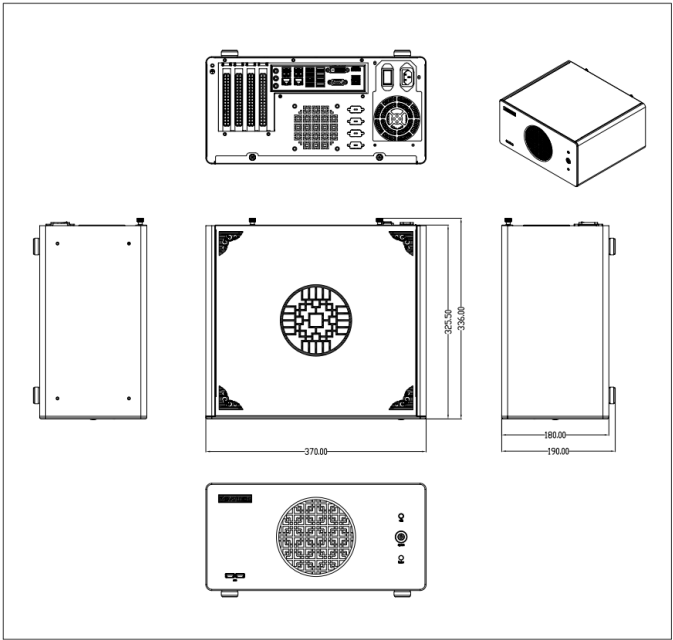
国风整机提供了灵活的扩展功能和良好的散热，搭配国产兆芯 CPU 平台 Micro-ATX 系列主板，提供丰富的 I/O 接口以及扩展槽等，满足不同行业客户需求。

Specifications

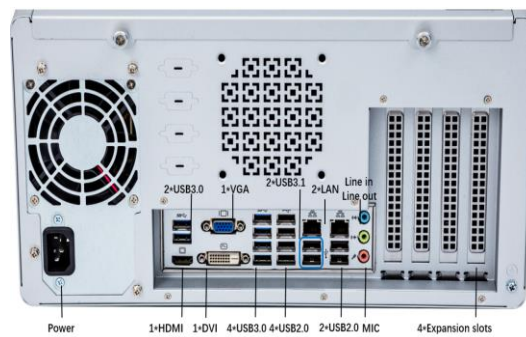
Model Name / PN	DMS-SC38	DMS-SC38-ZX01A3
Processor System	CPU	KX-U6780A 8 Cores , 2.7GHz
	TDP	70W
	Chipset	ZX-200
	BIOS	AMI,兼容百敖
	Compatible Motherboard	AIMB-Z51-D00A1
Memory	Technology	Dual channel DDR4 2666 MHz SDRAM (Non-ECC)
	Maximum Capacity	Up to 64GB (16GB per DIMM)
	Socket	4 x 288-pin DIMM
Storage	SATA 3.0	4 (600MB/s per port)
	HDD	2 x 2.5" HDD+1 x 选配 3.5" HDD
Front I/O Connector	USB	2 x USB2.0 ports
	HDD Led	1
	Power Button	1
	Power LED	1
	Reset Button	1

Rear I/O Connector	Serial port header	4x RS232(最多支持 14 个 12 x RS-232 , 2 x RS-232/ RS-422/ RS-485 with selectable RI/ 5V/ 12V power)
	LAN	10/100/1000 Mbps
		2x RJ45
	USB	14 x USB Ports (8x USB2.0, 4x USB3.0 , 2x USB3.1)
	Display	1x HDMI
		1x VGA
		1x DVI
Environment	Audio Ports	1x Line-in , 1x Line-out , 1x Mic-in
	Power Button	ATX, 100-240V 300W
	Operating Temperature	0 ~ 40° C (32 ~ 104° F)
Environment	Non-Operation Temperature	-40 ~ 60° C (-40 ~ 140° F)
	Operating Humidity	95% @ 40°C, non-condensing
Power	Input Mode	A/C 220V /功率 300W ATX Power
EMC / Safety	EMC Class B/ CCC	
Vibration	带 SSD: 2Grms @ 5 ~ 500 Hz, 随机震动,	
OS Support	Operating System	支持Win 7/10、国产Linux、UOS、麒麟、凝思操作系统
Physical Characteristics	Dimensions (W x H x D)	370x325.5x180 mm(14.57" x 12.81" x 7.08")
	Weight	8.25KG

尺寸示意



I/O 接口示意



订货信息

Part Number	Description	Compatible MB PN
DMS-SC38-ZX01A3	Sys of KX-U6780A Micro-ATX MB, 300W ATX, Sliver	AIMB-Z51-D00A1

配件包

Part Number	Description	Remark
1960101022N000	3.5" HDD bracket	Usage 1pcs
1962806571T000	3.5" HDD 小支架	Usage 2pcs
1990015741S000	3.5" HDD Rubber	Usage 1pcs