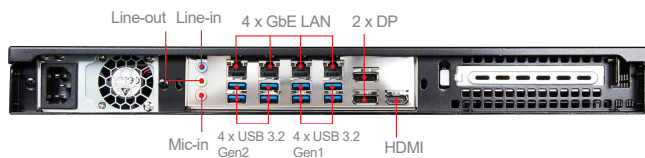
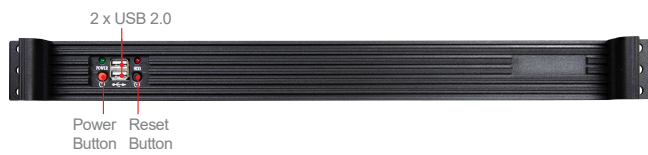


MS-9A71

1U Rackmount Computer with 8th/9th Gen Intel® Coffee Lake-S & Coffee Lake Refresh-S Platform Solution

NEW



Features

- 2 SO-DIMMs, DDR4 (ECC/Non-ECC) 2666 MHz, up to 64 GB
- 2 independent displays: HDMI & DP
- 4 Intel® GbE LAN
- 2 x 4020mm Ball bearing system FAN with PWM controlled
- 1 M Key, 1 E Key & 1 Full-size Mini-PCIe
- 3 SATA 3.0 for RAID 0, 1
- 10 USB ports (2 x USB 2.0, 4 x USB 3.2 Gen1, 4 x USB 3.2 Gen2) & 4 COM ports
- Power Supply: 1 x 250W 80 plus Flex Mini Power Supply
- Compact 1U rackmount chassis with Mini-ITX MB

Ordering Information

Part Number	Description
Coming soon	

Packing List

Part Number	Description
Coming soon	

Optional Item

Part Number	Description
K14-3018004-V03	Dual COM port cable, 250mm

Specifications

System Processor	CPU	8th Gen Intel® Desktop Coffee Lake-S Xeon®/i7/i5/i3/Pentium®/Celeron® Series Processor, Max 35W 9th Gen Intel® Desktop Embedded IOTG Coffee Lake-S Refresh Xeon®/i7/i5/i3 Series Processor, Max 35W
	Frequency	Depends on CPU
	L2 Cache	Depends on CPU
	CPU Type	Socket (LGA 1151)
	Chipset	Intel® C246 Express
Memory	BIOS	AMI
	Technology	Dual-channel DDR4 (ECC/Non-ECC) 2666 MHz
	Max. Capacity	Up to 64GB
Graphic	Socket	2 x 260-pin DDR4 SO-DIMMs
	Controller	Intel® HD Graphics
	Graphic Memory	Shared system memory up to 1.7 GB SDRAM
Graphic	Multiple Display	2 independent displays
	Display Interface	HDMI up to 4096 x 2160 @24Hz DP up to 4096 x 2304 @60Hz
Ethernet	Controller	1 x Intel® I219-LM GbE LAN PHY 3 x Intel® I210-AT GbE LAN
Audio	Controller	Realtek® ALC887-VD2-CG HD Audio Codec
H/W Monitor	Watchdog Timer	256-level Watchdog Timer
	Smart Fan	Yes
TPM	Controller	Infineon SLB9665TT.0 (optional)
Expansion Slot	M.2	1 x M Key (PCIe x4 NVMe, SATA), 2242/2280 1 x E Key (PCIe x1, USB 2.0), 2230
	Mini-PCIe	1 x Full-size
Storage	SATA	3 x SATA 3.0 (Internal Drive Bay: 1 x 3.5" or 2 x 2.5")
	RJ-45	4
I/O Interface	Audio	1 x Mic-in, 1 x Line-out, 1 x Line-in
	USB	2 x USB 2.0 (front) 4 x USB 3.2 Gen1 (rear) 4 x USB 3.2 Gen2 (rear)
	Serial	4 x COM ports COM1: RS-232/422/485, Ring/0V/5V/12V, Auto-Flow Control COM2-4: RS-232, 0V/5V/12V
	GPIO	16-bit (8*GPI; 8*GPO), 5V
Power Supply	HDMI	1
	DisplayPort	2
	AC Input	AC Power Input : 100~240V Power Supply : 250W Flex Mini
Environment	Operating Temperature	0 ~ 40°C
	Operating Humidity	10 ~ 90%, non-condensing
	Storage Temperature	-20 ~ 60°C
	Storage Humidity	10 ~ 90%, non-condensing
	Vibration	Operating: 0.5 Grms, 5-500Hz, 3axes
Physical characteristics	Shock	Operating: 3 G, half sine 11 ms duration
	Dimensions	250 x 428 x 45mm
	Weight	8 kg
Certification	Mounting	Rackmount
	EMC	FCC, CE
Software Platform	Safety	BSMI
	OS Support	Windows 10 IoT Enterprise LTSC/SAC 1809 (64-bit, RS5) Linux Kernel 4.x (by request)