

ECS-7120-MB2020E10

1U Rackmount Industrial server with Dual GbE LAN Ports



Features

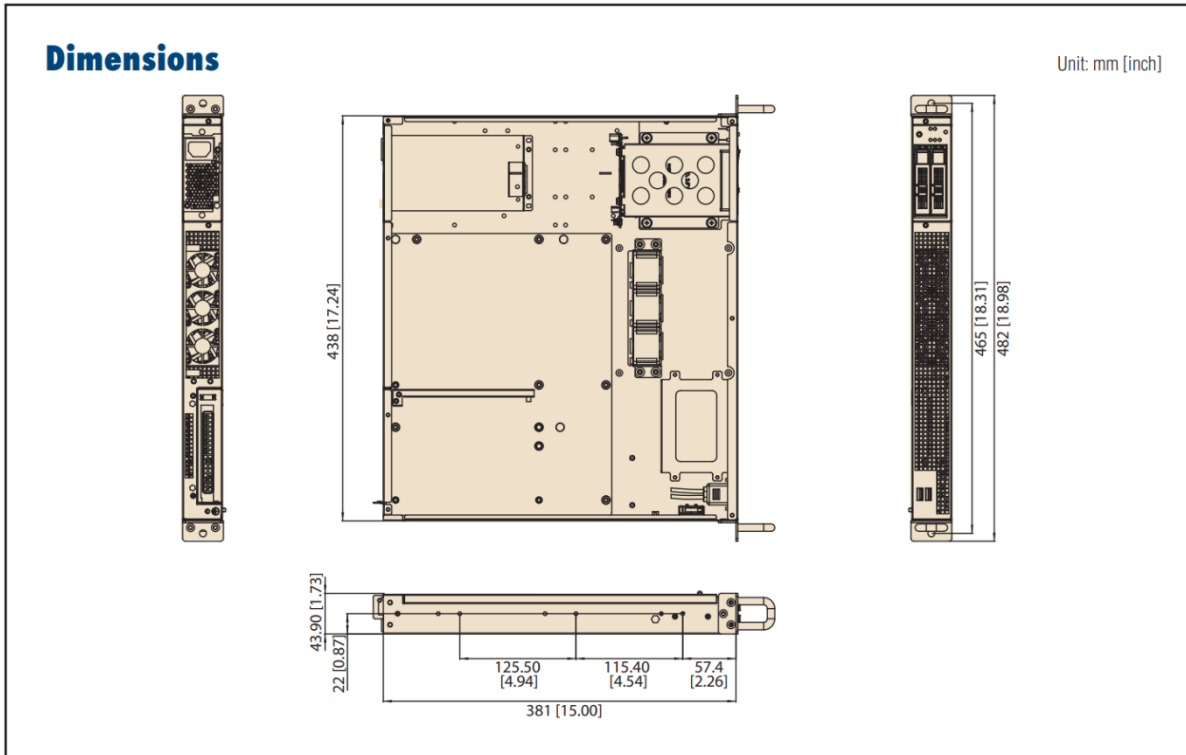
- Intel® XEON® W-1290E Processor
- 10 Cores / 20 Threads CPU
- Intel® W480E chipset
- Four DIMM sockets up to 128GB DDR4 2933/2666/2400 MHz
- 1U short-depth server
- Two hot swap 2.5" SATA/SSD drive bays
- LED indicators and alarm notification for system fault detection
- Low noise system fans
- Anti-vibration FAN design
- TPM 2.0

Applications

- SD-WAN Network Orchestration
- SD-WAN Large branch
- VOIP Server
- MDM Server
- Telecommunications
- Networking
- Chat & Firewall Server
- Control room
- ATC & Critical Missions
- Military Systems

Specifications

System	CPU	Intel® Xeon® W-1290E Processor	
	Total Cores/Threads	10/20	
	Base Frequency	3.50 GHz	
	Cache Memory	20 MB Intel® Smart Cache	
	System Chipset	Intel® W480E chipset	
Storage	SSD	1TB SSD	
Graphic	Controller	Intel® HD Graphics	
	VRAM	1 GB maximum shared memory with 2 GB and above system memory installed	
Memory	Total slots	4 (Dual Channel)	
	Technology	DDR4 2933/2666/2400 MHz UDIMM (288-pin)	
	Capacity	64GB Up to 128 GB	
I/O interface	External serial port	1 (via COM cable in the package)	
	External USB port	4 x (USB 3.2 Gen 2)	
	VGA Port	1 x (Resolution up to 1920 x 1200 @ 60 Hz)	
	DVI Port	1 x (Resolution up to 1920 x 1200 @ 60 Hz)	
	HDMI Port	1 x (Resolution up to 4096 x 2160 @ 60 Hz)	
	RJ-45	2	
	Audio	2 (Mic-in , Line-out)	
Network	Interface	10/100/1000 Mbps	
	Controller	1 x Intel I219-LM + 1 x Intel I210-AT	
	External Network adapter	Quad Port Fiber Gigabit Ethernet PCIE Express Server Adapter with Intel® I350 (Optional)	
Expansion	PCIe x16	1 (Reserved For External Network Card)	
OS	Support	Windows®10 Enterprise (64-bit) , Windows® server 2019	
		Red Hat Enterprise Linux 8.2	
		VMware ESXi 6.7	
		SUSE Linux Enterprise Server 15 SP1	
		Ubuntu server 20.04	
Watchdog Timer	Interval	Programmable 1 ~ 255 sec/min	
	Output	System reset	
Power Supply	Power output Wattage	Single power supply unit 350W	
	Input Range	AC 100-240VAC	
Cooling	Fan	3 (4 cm/23.1 CFM)	
	Air filter	-	
Miscellaneous	LED Indicator	System: Power, LAN 1, LAN 2, HDD, and System Information	
		HDD Tray: HDD Power and Activity	
Environment	Temperature	Operating	Non Operating
		0~40°C (32-104°F)	-40 ~ 70 °C (-40 ~ 158 °F)
	Vibration (5-500Hz)	1Grms	2G
	Chock	10G (With 11ms duration , half sine wave)	
Physical Characteristics	Dimensions (W x H x D)	438 x 43 x 381 mm (17.24"p x 1.7" x 15")	



Order Code	Part Number	Description
ECS-0228	ECS-7120-MB2020E10	Intel® XEON® W-1290E 1U Rackmount Industrial server with Dual GbE LAN, 64GB DDR4 ,1TB SSD

Front View



HPC-7120S-35ZB

Rear View



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Automation Devices & Computers