



Front View



Features

- 1U edge server
- Supports Intel® Arrow Lake-S family processors
- Short-depth design for space critical applications
- Easy maintain riser PCIe cards

Rear View

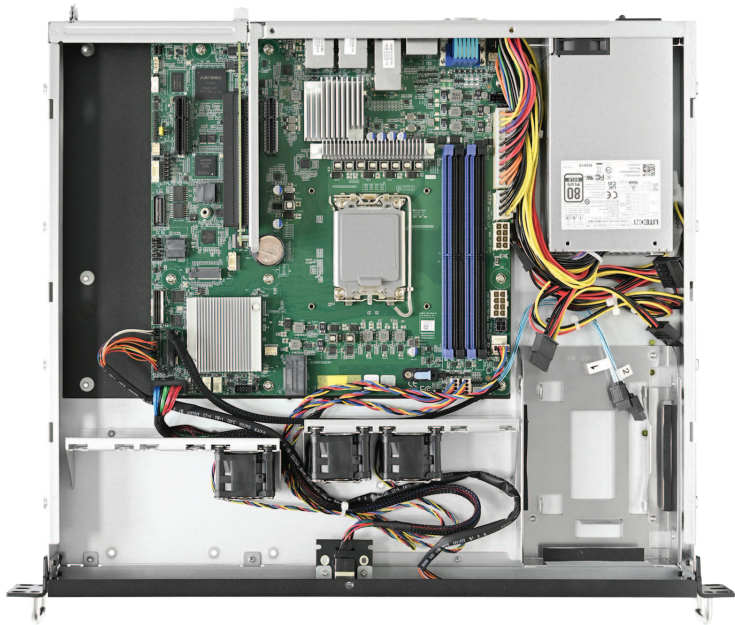


Specifications

Dimensions (W x D x H)	mm : 427 x 381 x 44.4		
	inches : 16.8 x 15 x 1.75		
Motherboard	AIC Server Board Dubhe		
Processor	Processor Support	• Single Intel® Arrow Lake-S CPU *Please contact AIC Technical Support for more info/details about optimized CPUs and specialized system	
	Socket Type	Socket LGA 1851	
Chipset Support	PCH H810		
System Memory	• DDR5 ECC/non-ECC UDIMM up to 6400MHz(1SPC); 5600MHz(2SPC) • Total 4 memory slots; 2 slots per CPU (2SPC)		
Front Panel	• System power on/off • System reset • 2 x USB ports		
LEDs	• Power LED • HDD LED • LAN 1 • LAN 2 • Alert LED		
Drive Bays	Internal	3.5"	2
		2.5"	2 (7mm SSD)

Expansion Slots	PCIe 5.0	1 X16 FHHL
System BIOS	BIOS Type	AMI / SPI (Serial Peripheral Interface) FLASH interface
	BIOS Features	• ACPI • PXE • WOL • AC loss recovery • IPMI 2.0 KCS interface • SMBIOS • Serial console redirection • BIOS boot specification • BIOS recovery mode • SRIOV • TPM
On-board Devices	SATA	• 8 x SATA3 (by PCH, in SFF8654-8i, RSTe RAID 0/1 support, SGPIO) • 8 x SATA3 (by 2x ASM1164, in 1x SFF8654-8i)
	Network Controllers	2 x 10G Base-T/1GbE RJ45 connectors with Broadcom BCM57416 + BCM5720L co-design 1 x 2.5G Base-T RJ45 connector with Intel® i226
	Graphics	Aspeed AST2600 Advanced PCIe Graphics & Remote Management Processor • PCIe VGA/2D Controller • 1920x1200@60Hz 32bpp

Top View



(Power supply and Server board are included.)

EB101-DB

Rear I/O	LAN	• 2 x RJ45 10GbE • 1 x RJ45 2.5GbE data NIC
	USB	4 x USB 3.2 Gen 1 Type A
	Video Output	2 x DP++
	Serial Port	1 x RS232 D-Sub
Power Supply	Single 350W 80+ Gold	
System Cooling	3 x 40x28mm fans	

Environmental Specifications	• Storage temperature: -10°C(14°F) ~ 60°C(140°F) • Operating temperature: 0°C(32°F) ~ 35°C(95°F) • Storage operating humidity: 5%~95% non-condensing	
Gross Weight	(w/ PSU & Rail)	kgs : 7
		lbs : 15.4
Packaging Dimensions	(W x D x H)	mm : 546 x 577 x 176
		inches : 21.5 x 22.7 x 6.9

Ordering Information

SKU Number	Description
XP1-E101DBXX	1U edge server (RMC-1E chassis), 350W single Gold power supply, internal 1x 3.5" + 1x 2.5" SATA, Intel Dubhe MB (W880 SKU), 1x PCIe Gen5 X16 slot expansions (FHHL), w/o rail, w/o bezel