

1U2LW-X570/2L2T



- 1U Rackmount with 315W PSU
- supports AMD Ryzen 5000 Series Desktop Processors
- 4 DDR4 ECC/ non-ECC UDIMM, up to 32GB each
- 2 fixed 3.5" drive bays
- 2 M.2 (PCIe4.0 x4)
- 1 FHHL PCIe4.0 x16
- On-board dual 10GbE RJ45 and dual 1GbE RJ45
- Remote management (IPMI)



[Specifications](#) [Manual](#)

Specifications

System	
Form Factor	1U Rackmount
Dimensions	394 x 482.6 x 44.4 mm (15.5" x 19" x 1.75")
Support MB	X570D4U-2L2T
Front Panel	
Buttons	Power Switch, System Reset
LEDs	Power Status, HDD, LAN Activity LEDs
I/O Ports	2 Type-A (USB 3.2 Gen1)
External Drive Bay / Storage	
Front Side Drive Bay	1 Slim ODD
Internal Side	2 fixed 3.5" SATA drive bays or 1 fixed 3.5" and 1 fixed 2.5" SATA drive bays 1 M-key (PCIe4.0* x4 or SATA 6Gb/s); Form factor: 22110/2280/2260/2242 [CPU] 1 M-key (PCIe4.0* x4 or SATA 6Gb/s); Form factor: 2280/2260/2242 [X570] *Supports PCIe3.0 when using AMD Ryzen™ 4000 and 3000 G-Series Desktop Processors with Radeon™ Graphics
Power Supply	
Type	Single PSU
Output Watts	315W
Efficiency	80-Plus Gold
AC Input	100-240V, 50-60Hz
System Fan	
Fan	3 PWM Easy-swap 40x28 mm fans
Processor System	
CPU	Supports: AMD Ryzen™ 5000 and 3000 Series Desktop Processors AMD Ryzen™ 4000 and 3000 G-Series Desktop Processors with Radeon™ Graphics AMD Ryzen™ PRO 5000, 4000 and 3000 Series Desktop Processors
Socket	AM4 PGA 1331
Chipset	AMD X570
System Memory	
Supported DIMM Quantity	4 DIMM slots (2DPC)
Supported Type	Supports DDR4 288-pin ECC*/non-ECC UDIMM *For AMD Ryzen Desktop Processors with Radeon Graphics, ECC support is only with Processors with PRO technologies.
Max. Capacity per DIMM	up to 32GB per DIMM

Max. DIMM Frequency	up to 3200 MHz*
Voltage	1.2V
PCIe Expansion Slots (SLOT7 close to CPU)	
PCIe x 16	Supports 1 FHHL PCIe4.0 x16* via RB1UX16_G4 *Supports PCIe3.0 x8 when using AMD Ryzen™ 3000 G-Series Desktop Processors with Radeon™ Graphics *Supports PCIe3.0 x16 when using AMD Ryzen™ 4000 G-Series Desktop Processors with Radeon™ Graphics
Server Management	
BMC Controller	ASPEED AST2500
IPMI Dedicated GLAN	1 x Realtek RTL8211E for dedicated management GLAN
Graphics	
Controller	ASPEED AST2500: 1 DB15 (VGA) AMD Ryzen Desktop Processors with Radeon Graphics: 1 HDMI
VRAM	DDR4 16MB
Rear I/O	
UID Button/LED	1 UID w/ LED
VGA Port	1 D-Sub
Serial Port	1
USB 3.2 Gen2 Port	2 Type-A (USB3.2 Gen2)
RJ45	2 RJ45(10GbE) by Intel® X710-AT2 2 RJ45(1GbE) by Intel® i210 1 dedicated IPMI
System BIOS	
BIOS Type	32MB AMI UEFI Legal BIOS
BIOS Features	Plug and Play (PnP), ACPI 2.0 Compliance Wake Up Events, SMBIOS 2.8.0 Support, ASRock Rack Instant Flash
Environment	
Temperature	Operation temperature: 10°C ~ 35°C* / Non operation temperature: -40°C ~ 70°C
Humidity	Non operation humidity: 20% ~ 90% (Non condensing)

The specification is subject to change without notice in advance. The brand and product names are trademarks of their respective companies. Any configuration other than original product specification is not guaranteed.