

# ASRock 1U4LW-X470, Rack 1U, UP, AMD Ryzen, 4xLFF, 2xGbE, Fixed PSU, IPMI

Kod producenta: 1U4LW-X470



Chassis Form Factor	Rack 1U
CPU Socket	PGA 1331 (Socket AM4)
# of CPU sockets	1
Supported CPU's	AMD Ryzen PRO 3000 AMD Ryzen PRO 2000 AMD Ryzen 3000 AMD Ryzen 2000
Memory Type	DDR4 ECC UDIMM DDR4 non-ECC UDIMM
# of DIMM's	4
# of 3.5 hot-swap bays	4
# of PCIe x16 3.0	1
# of 1GbE Ports	2 x RJ45
Power Supply	Fixed
PSU Wattage	400 W
Warranty	1 year standard 3 years on request

## 1U4LW-X470

- 1U Rackmount with 400W PSU
- Supports AMD AM4 Socket Ryzen™ Series CPUs and Ryzen 7nm CPUs
- Supports 4x DDR4 ECC and non-ECC UDIMM, max. 128 GB
- Supports external 4 x 3.5" HDD or 2.5" HDD, internal 2x 2.5" HDD, external: Slim ODD x1 or 2.5" HDD x1 (optional)
- Supports 1x PCIe 3.0 x16
- Supports Intel i210 x2
- ASPEED 2500 for BMC controller, Realtek RTL8211E for dedicated IPMI GLAN

## Specyfikacja

### System

Rozmiar/format	- 1U Rackmount
Model obydowy	- 1U4LW
Wymiary	- 533.4 x 482.6 x 44.4 mm (21" x 19" x 1.75")
Obsługiwane płyty	- X470D4U(mATX, 9.6" x 9.6")

### Front Panel

Buttons	- Power Switch, ID Switch, System reset, NMI
LEDs	- Power status, HDD, LANs, System Fail activity LEDs
I/O Ports	- 2 x USB 3.0 ports

<b>Zewnętrzna zatoka / Storage</b>	
Frontowe zatoki	-External : Hot-swap 3.5'' HDD x 4 or 2.5'' HDD x4 . Slim ODD x1 or 2.5'' HDDx 1 (optional) -Internal: 2.5'' HDD x 2
Internal Side	- 2(M2_1: 2242/2260/2280/22110, PCIE(X4); M2_2:2242/2260/2280/22110, SATA/PCIE(X2))
<b>Zasilacz</b>	
Rodzaj	- Single PSU
Moc wyjściowa	- 400W
<b>Chłodzenie</b>	
Wentylator	- 40 x 28 mm PWM Easy-Swap Fans x 5
<b>Procesor</b>	
CPU	AMD Ryzen™ PRO 3000 and 2000 Series Desktop Processors 3rd and 2 <sup>nd</sup> Gen AMD Ryzen™ Desktop Processors 2nd and 1st Gen AMD Ryzen™ Desktop Processors with Radeon™ Vega Graphics
Socket	- AM4 PGA 1331
Chipset	- AMD Promontory X470
<b>Pamięć operacyjna</b>	
Pojemność	- 4 x 288-pin DDR4 DIMM slots - Support up to 128GB DDR4 ECC/UDIMM
Rodzaj	- Dual Channel DDR4 memory technology - Support DDR4 ECC/UDIMM*  *Conditionally support ECC error reporting function *For AMD Ryzen Desktop Processors with Radeon Graphics, ECC support is only with Processors with PRO technologies.
DIMM Size Per DIMM	- ECC/UDIMM: 32GB, 16GB, 8GB
DIMM Frequency	- ECC/UDIMM: 3200/2933/2666/2400/2133 MHz  *Different memory frequency support please refer our user manual P19.
Napięcie	- 1.2V
<b>Sloty rozszerzeń</b>	
PCIe 3.0 x 16	- PCIE6: Gen3 x16 link (splittable in x4/4/4/4); auto switch to x8 link when PCIE4 is occupied. - SLOT4: Gen3 x8 link
PCIe 3.0 x 8	- SLOT5: Gen3 x4 link
<b>Magazynowanie</b>	
Kontroler SATA	- 6 x SATA3 6.0 Gb/s (1x SATA DOM port), support RAID 0, 1, 10
Additional Storage Controller	- Asmedia 1061: 2x SATA3 6.0Gb/s
M.2 slot	- 2 (2242/2260/2280/22110, supports SATA3 and PCIe 3.0 x2 or supports PCIe 2.0 x4 only)
<b>Ethernet</b>	
Interfejs	- 1000 /100 /10 Mbps by Intel® i210AT

Kontroler LAN	<ul style="list-style-type: none"> <li>- 2 x RJ45 GLAN by Intel® i210AT</li> <li>- 1 x RJ45 Dedicated IPMI LAN port</li> <li>- Supports Wake-On-LAN</li> <li>- Supports Energy Efficient Ethernet 802.3az</li> <li>- Supports Dual LAN with Teaming function</li> <li>- Supports PXE</li> <li>- LAN1 supports NCSI</li> </ul>
<b>Zarządzanie</b>	
Kontroler BMC	- ASPEED AST2500
IPMI Dedicated GLAN	- 1 x Realtek RTL8211E for dedicated management GLAN
Funkcje	- Watch Dog
<b>Grafika</b>	
Kontroler	- ASPEED AST2500
VRAM	- DDR4 16MB
<b>Tylny panel I/O</b>	
Port VGA	- 1 x D-Sub
Port USB 3.0	- 2
Port Lan	<ul style="list-style-type: none"> <li>- RJ45:2+1(IPMI)</li> <li>- LAN Ports with LED (ACT/LINK LED and SPEED LED)</li> </ul>
Port szeregowy	- 1

Specyfikacja może ulec zmianie bez wcześniejszego powiadomienia. Marka i nazwy produktów są znakami towarowymi ich właścicieli. Działanie konfiguracji innych niż wynikające ze specyfikacji nie jest gwarantowane.

Strona firmowa produktu:

<https://www.superstorage.pl/asrock-1u4lw-x470-rack-1u-up-amd-ryzen-4x1ff-2xgbe-fixed-psu-ipmi-p-4529.html>