

## W331-Z00

AMD Ryzen™ Tower Entry Workstation



### Features

- AMD Ryzen™ 5000 / 3rd Gen Ryzen™ Processors
- 2-Channel ECC/Non-ECC DDR4 Unbuffered DIMM, 4 x DIMMs
- Realtek DASH Remote Management
- Dual Realtek GbE LAN ports
- PCIe Gen4 Ready x16 slot
- Rear HDMI / DP Support
- 2 x 3.5" fixed drive bays
- Dual M.2 slots (NVMe and SATA mode)
- 500W 80 PLUS Bronze single power supply

### Specification

<b>Dimensions</b>	Mini-Tower (W375 x H198 x D370 mm)	<b>Internal I/O</b>	1 x 24-pin ATX main power connector, 1 x 8-pin ATX 12V power connector, 4 x SATA III ports, 1 x CPU fan header, 3 x System fan headers, 1 x USB 2.0 header, 1 x Serial header, 1 x Front panel header, 1 x Front Audio header, 1 x Front USB3.2 header
<b>CPU</b>	AMD Ryzen™ 5000 Series/ 3rd Gen Ryzen™ Processors	<b>Front I/O</b>	2 x USB3.0 ports, 1 x 1394 port, 1 x Line out port, 1 x Mic in port, 1 x Power button, 1 x Hard drives status LED, 1 x Reset button
<b>Socket</b>	Socket AM4	<b>Rear I/O</b>	1 x Display port, 1 x HDMI port, 2 x Antenna ports, 2 x USB 3.0, 2 x GbE RJ45 LAN ports, 4 x USB 2.0, 3 x Audio Jacks
<b>Chipset</b>	AMD B550	<b>TPM</b>	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
<b>Memory</b>	2-Channel DDR4 memory, 4 x DIMM slots Supported ECC Un-buffered DIMM 1Rx8/2Rx8 and non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules Memory speed: Up to 3200/ 2933/ 2667/ 2400/ 2133 MHz Total up to 128GB of system memory (32 GB single DIMM capacity)	<b>Power Supply</b>	1 x 500W 80 PLUS Bronze power supply AC Input: 90-264V; 115V/ 7A, 230V/3A; 47-63Hz
<b>LAN</b>	2 x GbE LAN ports (Realtek RTL8111EVP and RTL8118)	<b>System Management</b>	Realtek DASH Remote Management
<b>Video</b>	1 x DP port: supporting maximum resolution of 4096x2160 @60Hz; support for DP 1.2 version. 1 x HDMI port: supporting maximum resolution of 4096x2160 @60Hz; support for HDMI 2.1 version, HDCP 2.3, HDR.	<b>OS Compatibility</b>	Windows 10 64-bit Windows 11 64-bit
<b>Audio</b>	Realtek ALC897 audio codec High Definition audio; 2/4/5.1/7.1-channel 3 ports Audio Jack (Line in/Line out/Mic)	<b>System Fans</b>	2 x 92x92x25mm (4500rpm)
<b>Storage</b>	2 x 3.5" fixed drive bays	<b>Operating Properties</b>	Operating temperature: 0°C to 35°C Operating humidity: 8%-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
<b>RAID</b>	NA	<b>Packaging Content</b>	1 x W331-Z00 1 x Quick Start Guide
<b>Peripheral Drives</b>	ODD drive in option	<b>Reference Numbers</b>	Barebone package: 6BW331Z00MR-00 - Chassis Kit: 25EC2-W33100-C1R - Motherboard: 5MC12NB0MR-00-10B - IO Shield: 12AIO-W331Z0-00R - Power supply: 25EP0-20500B-F3S - System Fan: 25Y00-92250-A20R - SATA cable: 25CF4-350500-S9R
<b>Expansion Slots</b>	1 x PCIe x16 (Gen4 x16) slot; integrated in CPU 1 x PCIe x8 (Gen3 x4) slot; integrated in chipset 1 x PCIe x1 (Gen3 x1) slot; integrated in chipset  2 x M.2 slots for storage: - M-key; supports NGFF-2242/2280 - PCIe Gen4 x4; PCIe Gen3 x2 / SATA III 6Gb/s  1 x M.2 slot for Wi-Fi: - E-key; supports NGFF-2230		



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