

# DDR4 SODIMM

BIWIN DDR4 SODIMM delivers fast data transfer rates, up to 3200 MT/s. Available in capacities ranging from 4 GB to 32 GB, it's designed for compact computing systems such as laptops, mini PCs, and compact workstation PCs. It operates at a low voltage of 1.2 V and supports a wide temperature range from 0 °C to +85°C. Built with premium ICs and components, BIWIN DDR4 SODIMM provides long-term stability, excellent reliability, and broad compatibility. Fully compliant with JEDEC standards, it is built to deliver dependable performance across a wide range of platforms.



## Key Features

### High Transfer Speeds and Sustained Stability

BIWIN DDR4 SODIMM delivers data rates up to 3200MT/s, enabling faster system response and smooth performance even under demanding workloads. It's built with high-quality components to provide long-term stability and reliability under sustained workloads.

### Customizable for Specialized Applications

To meet the demands of specialized environments, BIWIN offers a range of hardware-level customization services. These include anti-sulfuration protection, optional gold finger plating thickness adjustments, and other application-specific enhancements. Such flexibility helps meet stringent reliability requirements and extends product longevity for stable performance in various operating conditions.

### Enhanced Stability and Compatibility

BIWIN DDR4 SODIMM is built with high-quality components for long-term operational stability and consistent performance. Full compliance with JEDEC specifications ensures electrical and mechanical standardization, while extensive chipset validation provides seamless compatibility with leading processor solutions, including Intel and AMD.

## Technologies

Underfill

Sidfill

30µ" Gold Finger

Anti-Sulfuration

## Applications



Laptop



Mini PC



All-in-One PC



Thin Client



Compact Workstation PC

## Specifications

<b>Model Name</b>	DDR4 SODIMM
<b>DIMM Type</b>	Unbuffered Memory
<b>Capacity</b>	4 GB / 8 GB / 16 GB / 32 GB
<b>Data Rate</b>	2666 / 3200 MT/s
<b>Pin</b>	260 Pin
<b>Voltage</b>	1.2 V
<b>PCB Gold Finger Thickness</b>	3 $\mu$ " / 30 $\mu$ "
<b>Anti-Sulfuration</b>	Customizable
<b>Dimensions</b>	69.60 x 30.00 x 3.70 mm
<b>Operating Temperature</b>	0°C to + 85°C
<b>Storage Temperature</b>	-55°C to + 100°C
<b>Certifications</b>	RoHS, CE, FCC
<b>Warranty</b>	3-Year Limited

1. Tested by BIWIN labs. Actual performance may vary due to systems, devices, or environment.
2. Maintenance and future updates are required throughout the product lifecycle. Specifications are subject to change without notice.
3. The pictures are for illustration only. Actual products may vary due to product enhancements or changes.
4. Not all products are sold in all regions of the world.
5. Please visit [www.biwin technology.com](http://www.biwin technology.com) for warranty details in your region.
6. For more information, please contact [sales@biwintech.com](mailto:sales@biwintech.com).

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