



## Patriot Signature Line DDR5 16GB (1 x 16GB) 5600MT/s

Patriot's Signature Line DDR5 memory modules are designed to deliver an immense performance improvement for next generation Intel platforms. Requiring only 1.1V of power, Signature DDR5 modules consume less power and emit less heat despite the increased frequency and speed. Enhanced power improvements include an onboard Power Management IC (PMIC), which provides better control of local voltage regulation while delivering increased threshold protection, simultaneous monitoring, intelligent voltage, and power management. The Signature Line DDR5 series includes onboard thermal sensors to monitor and protect against thermal issues and better overall reporting. In addition, the latest on-die ECC (Error-Correcting Code) further enhances the accuracy of data-processing and your overall system's stability.

With limited lifetime warranty, Patriot's Signature Line DDR5 RAM is the breakthrough choice for avid system integrators and those looking to expand their system's memory performance. The Signature Line DDR5 memory modules offer a wide range of capacities and configurations, allowing users to get the most from the latest Intel platforms for the best compatibility.



### PRODUCT INFORMATION

<b>PATRIOT INV. NUMBER:</b>	PSD516G560081S
<b>DESCRIPTION:</b>	Patriot Signature Line DDR5 16GB (1 x 16GB) 5600MT/s SODIMM
<b>CERTIFICATIONS/SAFETY:</b>	RoHS
<b>PRODUCT WARRANTY:</b>	Limited Lifetime Warranty
<b>UNIT UPC:</b>	4711378422238
<b>UNIT WEIGHT:</b>	0.02 lbs / 9.5 g
<b>UNIT DIMENSIONS:</b>	0.12"(L) x 2.7"(W) x 1.2"(H) 0.3 cm (L) x 6.9 cm (W) x 3 cm (H)
<b>PACKAGING TYPE:</b>	Retail box
<b>PACKAGING WEIGHT:</b>	0.04 lbs / 18.5 g
<b>PACKAGING DIMENSIONS:</b>	0.62"(L) x 2.08"(W) x 6.61"(H) 1.6 cm (L) x 5.3 cm (W) x 16.8 cm (H)
<b>MASTER CARTON WEIGHT:</b>	14.7 lbs / 6.7 kg
<b>MASTER CARTON DIMENSIONS:</b>	17.8"(L) x 11.4"(W) x 15.9"(H) 45.3 cm (L) x 29 cm (W) x 40.5 cm (H)
<b>UNITS PER INNER CARTON:</b>	25
<b>UNITS PER MASTER CARTON:</b>	250

### FEATURES:

- Series: Signature Line
- Form Factor: 262-Pin Small Outline Dual In-Line Memory Module (SODIMM)
- Technology: DDR5 Non-ECC Unbuffered
- Capacity: 16GB (1x16GB)
- Power Management IC (PMIC)
- On-die ECC
- Sideband access with I3C/I2C support
- SPD Hub with thermal sensor
- (Two) 2 Rank Single-sided module
- 100% Tested
- RoHS Compliant
- Limited Lifetime Warranty

### SPECIFICATIONS:

- Frequency: 5600MT/s (PC5-44800)
- Timings: 46-46-46-90
- Voltage: 1.1v

For technical support, email us at:  
[SUPPORT@PATRIOTMEM.COM](mailto:SUPPORT@PATRIOTMEM.COM)

# MEMORY STORAGE