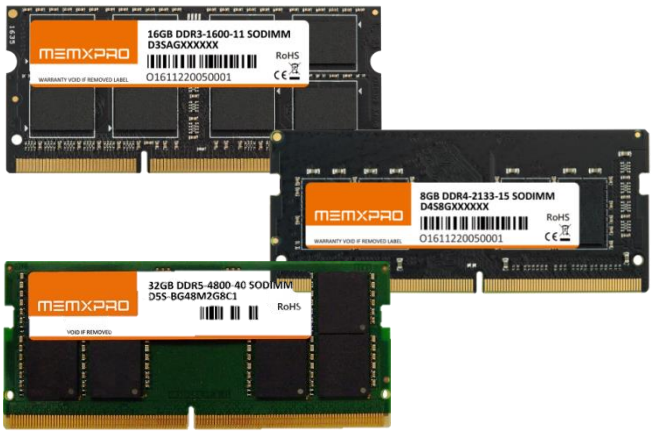
# MEMXPRO DDR3/DDR4/DDR5 SODIMM




## Features

- Various memory solutions including DDR3, DDR4, and DDR5
- JEDEC standard power supply
- Auto refresh and self refresh supported
- Available in standard, extended, and industrial grade temperature ranges
- RoHS compliant

## Specification

| Product Model | DDR3 SODIMM | DDR4 SODIMM | DDR5 SODIMM |
|---|---|---|---|
| DIMM Type | SODIMM | SODIMM | SODIMM |
| Data Rate / Frequency | 1066/1333/1600/ 1866 MT/s | 2133/2400/2666/ 2933/3200 MT/s | 4800 MT/s |
| Density | 2GB/4GB/8GB | 4GB/8GB/16GB/32GB | 16GB/32GB |
| Voltage | 1.5V / 1.35V | 1.2V | 1.1V |
| Pin count | 204-pin | 260-pin | 262-pin |
| Width | 64-Bit | 64-Bit | 64-Bit |
| PCB Height | 30.00mm | 31.25mm | 30.00mm |
| Operating Temperature | 0°C~+85°C/-25°C~+85°C/-40°C~+85°C | | |

## Ordering Information

### DDR3L SODIMM

| Capacity | Data Rate | Commercial (0°C~85°C) | Extended (-25°C~85°C) | Industrial (-40°C~+85°C) |
|---|---|---|---|---|
| 2GB | 1866MT/s | D3S-2G18M256C1 | D3S-2G18M256E1 | D3S-2G18M256W1 |
| 4GB | 1866MT/s | D3S-4G18M256C1 | D3S-4G18M256E1 | D3S-4G18M256W1 |
| 8GB | 1866MT/s | D3S-8G18M518C1 | D3S-8G18M518E1 | D3S-8G18M518W1 |

### DDR4 SODIMM

| Capacity | Data Rate | Commercial (0°C~85°C) | Extended (-25°C~85°C) | Industrial (-40°C~+85°C) |
|---|---|---|---|---|
| 4GB | 2400MT/s | D4S-4G24H518C2 | D4S-4G24H518E2 | D4S-4G24H518W2 |
| 8GB | 2400MT/s | D4S-8G24H1G8C2 | D4S-8G24H1G8E2 | D4S-8G24H1G8W2 |
| | 2666MT/s | D4S-8G26H1G8C2 | D4S-8G26H1G8E2 | D4S-8G26H1G8W2 |
| 16GB | 2400MT/s | D4S-AG24H1G8C2 | D4S-AG24H1G8E2 | D4S-AG24H1G8W2 |
| | 2666MT/s | D4S-AG26H1G8C2 | D4S-AG26H1G8E2 | D4S-AG26H1G8W2 |
| 32GB | 3200MT/s | D4S-BG32M2G8C1 | D4S-BG32M2G8E1 | D4S-BG32M2G8W1 |

### DDR5 SODIMM

| Capacity | Data Rate | Commercial (0°C~85°C) | Extended (-25°C~85°C) | Industrial (-40°C~+85°C) |
|---|---|---|---|---|
| 16GB | 4800MT/s | D5S-AG48M2G8C1 | D5S-AG48M2G8E1 | D5S-AG48M2G8W1 |
| 32GB | 4800MT/s | D5S-BG48M2G8C1 | D5S-BG48M2G8E1 | D5S-BG48M2G8W1 |

* Extended & industrial temperature DDR5 SODIMMs will be available in H2 2022

MEMXPRO
Make it Possible

**MEMXPRO Inc.**
info@memxpro.com www.memxpro.com

©MEMXPRO Inc. MEMXPRO reserves the right to change products, information and specifications without notice and is provided on an "AS IS" basis, without warranties of any kind. Products and specifications discussed herein are for reference purposes only. No license of any patent, copyright, mask work, trademark or any other intellectual property right is granted by one party to the other party under this document, by implication, estoppels or otherwise. For updates or additional information about MEMXPRO products, please contact MEMXPRO office.