



# 16GB LAPTOP CSODIMM RAM MODULE DDR5 6400MT/s PC5-51200 CLOCKED UNBUFFERED NON-ECC SODIMM 1.1V 2GX8 CL52

**6400 MT/s**  
**16GB (1 x 16GB)**

Derived from the familiar UDIMM (desktop) AND SODIMM (laptop) modules, Clocked Unbuffered DIMM (CUDIMM) and Clocked Small Outline DIMM (CSODIMM) are new types of DDR5 RAM modules designed with built-in clock buffering, which significantly boosts signal quality, especially at higher clock speeds or longer signal paths. Both utilise an integrated Client Clock Driver (CKD) built into the module, giving more stable and reliable signal distribution that helps protect against errors and crashes.

- Built-in clock buffering improves signal integrity, delivering cleaner data transmission at higher speeds and across longer signal paths
- Enhanced reliability through steady, precise clocking that reduces errors and helps protect data
- High-performance ready for gaming PCs, workstations, laptops and compact systems that demand fast, responsive memory
- Easy upgrade path as CUDIMM and CSODIMM fit standard DDR5 UDIMM and SODIMM slots on compatible systems and chipsets
- Rock-solid stability thanks to precise on-module timing, even under high-speed operation
- Overclocking headroom enabled by cleaner signals for faster, more stable performance tuning
- Energy efficient design with integrated Power Management IC (PMIC)
- Advanced stability features including on-die ECC (ODECC) and additional temperature sensors
- Dual 32-bit channels improve memory access efficiency for demanding, multi-task workloads
- Limited Lifetime warranty (10 years in Germany, France and Austria)



**PRODUCT SPECS:**

<b>Capacity:</b>	16GB
<b>Component For:</b>	Laptop
<b>Form Factor:</b>	262-Pins
<b>ECC (Y/N):</b>	N
<b>Kit Configuration:</b>	1 x 16GB
<b>DRAM Technology:</b>	DDR5
<b>Buffered Type:</b>	Clocked Unbuffered
<b>CAS Latency (CL):</b>	52
<b>Memory Organisation</b>	1Rx8
<b>DRAM IC Configuration:</b>	2Gx8
<b>DRAM IC Count:</b>	8
<b>DRAM IC Placement:</b>	Single Sided
<b>RGB Lighting:</b>	No
<b>Memory Clock Speed:</b>	6400
<b>Memory Voltage:</b>	1.1



**TECHNICAL SPECS:**

<b>Certification:</b>	UKCA
<b>Warranty:</b>	Limited Lifetime

**PART CODE**

IN5V16GCKRAX

HEIGHT	WIDTH	DEPTH
69.6 mm	2.6 mm	30 mm