

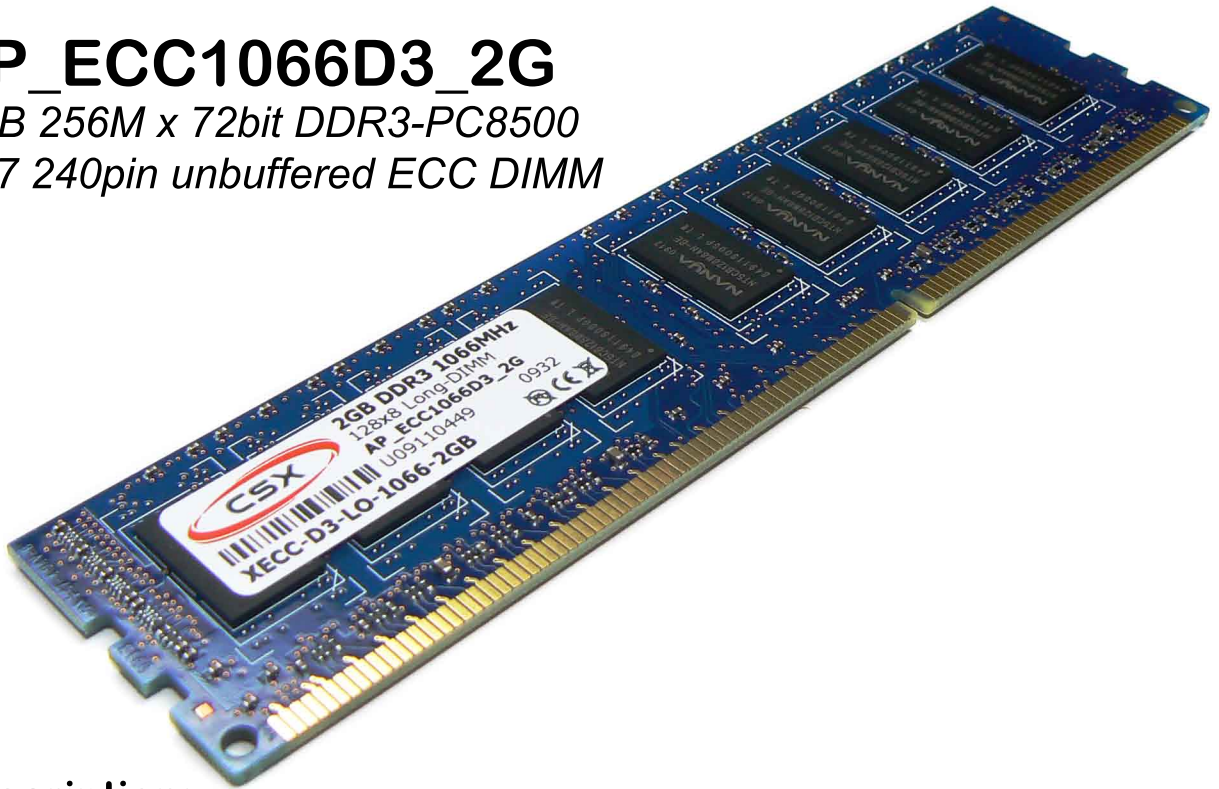


# Memory Module Datasheet

## AP\_ECC1066D3\_2G

2GB 256M x 72bit DDR3-PC8500

CL7 240pin unbuffered ECC DIMM



### Description:

This document describes the Compustocx Original (CSXO) 256M x 72-bit (2GB ECC) CL7 unbuffered ECC DDR3 dual rank memory module based on 16 128M x8 DDR3 SDRAM devices plus 2 devices for ECC functionality. The module requires 1.5V and is equipped with a thermal sensor.

### Features:

DRAM Technology	DDR3
Speed [MHz]	1066
Bandwidth [GB/s]	8.5 (single), 17 (Dual), 25,5 (Triple)
Module Data Width [bit]	72 [ECC]
CAS Latency [CL]	7
Power Supply [V]	1.5 +/- 0.025
Component Density [Mbit]	1024
Chip Package	78-ball BGA (RoHS compliant)
Operating Temperature [°C]	0 - 72
Thermal Sensor	YES

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