

Industrial DRAM Module Series

The Best DRAM Module Solutions

Complete product line of Industrial DRAM from IEI !

IEI Industrial DRAM Module series offers the complete memory module of DDR/DDR2 and even low profile and wide temp. used to industrial applications to maximize the product efficiency via the best parameter of DRAM Module. IEI promises the use of original IC, long-term supply, life-time grantee and customized setting service to meet every customer's need.

Industrial DDR2 Solution

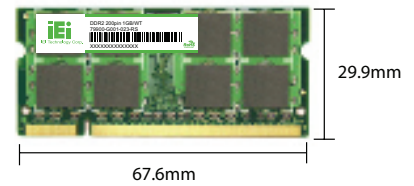
DDR2 667MHz Low Profile 512MB/1GB
DDR2 667MHz SO DIMM 512MB/1GB

Features

- Single 1.8V ± 0.1% power supply
- Utilizes 667 MHz CL5 DRAM components
- Burst Mode Operation
- Data scramble (Sequential & Interleave)
- All inputs are sampled at the positive going edge of the system clock
- Two Clocks System
- Auto & self refresh 7.8ns
- SSTL18 compatible inputs and output
- Serial PD with EEPROM
- 8K refresh cycles / 64ms
- Dimension: Low Profile 133.3 x 18.3 mm(WxH)
 SO DIMM 67.6 x 29.9 mm(WxH)

Module speed	667MHz
Long DIMM Pin	240Pin
SO DIMM Pin	200Pin
DRAM Chip Brand	Promos
CAS Latency	CL5
Operating Temp	-40°C~85°C

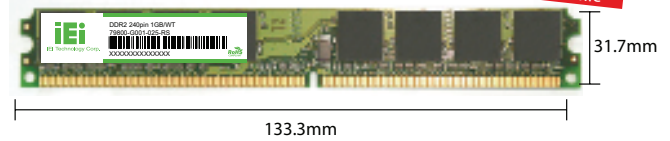
DDR2 200pin 1GB/WT SO-DIMM



DDR2 240pin 512MB/WT Low Profile



DDR2 240pin 1GB/WT Low Profile



Industrial DDR Solution

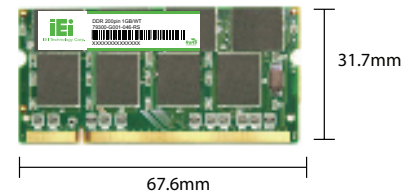
DDR 400MHz Low Profile 512MB
DDR 400MHz Long DIMM 1GB
DDR 400MHz SO DIMM 512MB/1GB

Features

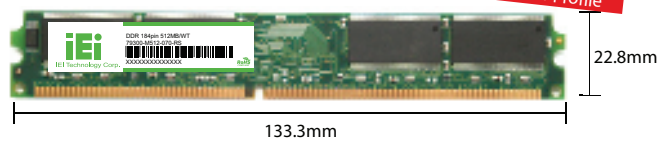
- Single 2.6V ± 0.1% power supply
- Utilizes 400 MHz CL3 DRAM components
- Burst Mode Operation
- Data scramble (Sequential & Interleave)
- All inputs are sampled at the positive going edge of the system clock
- Two Clocks System
- Auto & self refresh 5ns
- SSTL2 compatible inputs and output
- Serial PD with EEPROM
- 8K refresh cycles / 64ms
- Dimension: Low Profile 133.4 x 22.8 mm(WxH)
 Long DIMM 133.3 x 29.9 mm(WxH)
 SO DIMM 67.6 x 31.7 mm(WxH)

Module speed	400MHz
Long DIMM Pin	184Pin
SO DIMM Pin	200Pin
DRAM Chip Brand	Promos
CAS Latency	CL3
Operating Temp	-40°C~85°C

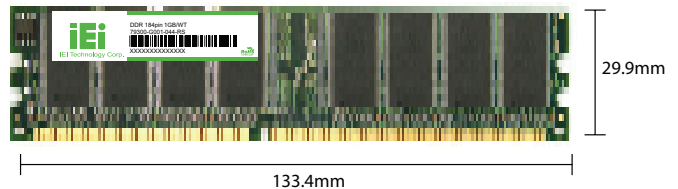
DDR 200pin 1GB/WT SO-DIMM



DDR 184pin 512MB/WT Low Profile



DDR 184pin 1GB/WT Low DIMM



Ordering Information

DDR

Part No.	Item	Pin	Capacity	Speed
79300-M512-070-RS	DDR Low Profile	184pin	512MB	400MHz
79300-G001-044-RS	DDR DIMM	184pin	1GB	400MHz
79300-M512-069-RS	DDR SO-DIMM	200pin	512MB	400MHz
79300-G001-046-RS	DDR SO-DIMM	200pin	1GB	400MHz

DDR2

Part No.	Item	Pin	Capacity	Speed
79800-M512-022-RS	DDR2 Low Profile	240pin	512MB	667MHz
79800-G001-025-RS	DDR2 Low Profile	240pin	1GB	667MHz
79900-M512-015-RS	DDR2 SO-DIMM	200pin	512MB	667MHz
79900-G001-023-RS	DDR2 SO-DIMM	200pin	1GB	667MHz