AAT2400D4DR8S/16G
16GB DDR4-2400MHz Unbuffered Dual Rank x8 1.2V 260-Pin CL17 SODIMM

Features

- Power Supply: VDD=1.2V Typical
- VDDQ = 1.2V Typical
- VPP - 2.5V Typical
- VDDSPD=2.2V to 3.6V
- Nominal and dynamic on-die termination (ODT) for data, strobe, and mask signals
- Low-power auto self-refresh (LPASR)
- Data bus inversion (DBI) for data bus
- On-die VREFDQ generation and calibration
- Dual-rank
- On-board I2 serial presence-detect (SPD) EEPROM
- 16 internal banks; 4 groups of 4 banks each
- Fixed burst chop (BC) of 4 and burst length (BL) of 8 via the mode register set (MRS)
- Selectable BC4 or BL8 on-the-fly (OTF)
- Fly-by topology
- Terminated control command and address bus
- PCB: Height 1.18" (30.00mm)
- RoHS Compliant and Halogen-Free
- Application: Server

Product Description

This TAA Compliant 16GB DDR4-2400MHz Dual Rank Unbuffered 1.2V 260-pin CL15 SODIMM is 100% guaranteed to be compatible with your system and to work right the first time. Adding additional memory is the best way to increase the performance of your system. All our memory is built to strict JEDEC standards to meet or exceed the Tier 1 OEM's factory requirements. Our products are also guaranteed by federal law to not affect or void OEM warranties.

TAA refers to the Trade Agreements Act (19 U.S.C. & 2501-2581), which is intended to foster fair and open international trade. TAA requires that the U.S. Government may acquire only "U.S. – made or designated country end products."
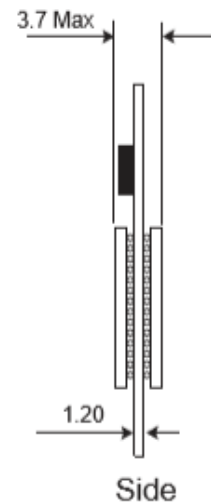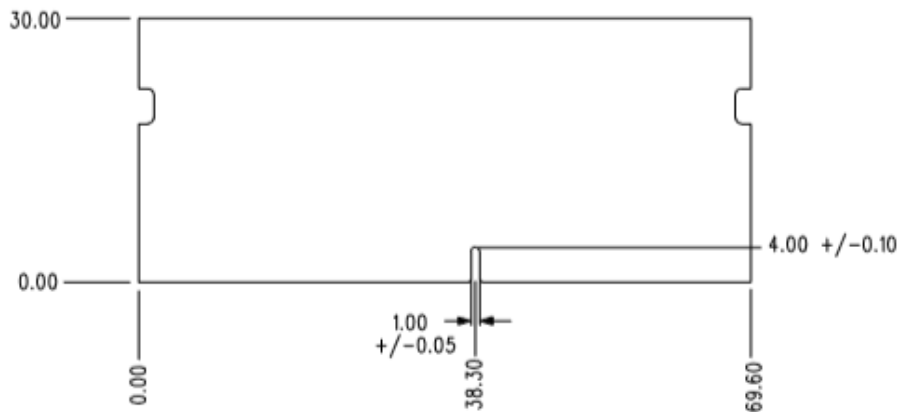
Specifications

Form Factor	SODIMM
DDR	DDR4
Density	16GB
Speed	2400 MT/s
No. of Pin	260
Voltage	1.2V
Rank x Org.	UDR x 8
Cas Latency	CL17
Weight	0.045 kg
Dimensions	1.27 x 5.08 x 16.51 cm
Error Correction Code	None
Row Cycle Time (tRCmin)	45.75ns (min.)
Refresh to Active/Refresh Command Time (tRFCmin)	350ns (min.)
CL (IDD)	17 cycles
Row Active Time (tRASmin)	32ns(min.)
UL Rating	94 V - 0
Power (Operating)	4.30W
Operating Temperature	0° C to +85° C
Storage Temperature	-55° C to +100° C

Mechanical Description

All measurements are in millimeters.

30.00

4.00 +/−0.10

0.00

1.00 +/−0.05

0.00

38.30

69.60

3.7 Max

1.20

1.20

Side

Contact Information

Founded in 1999, AddOn Networks is North America's leading provider of transceivers and high-speed cabling. With a reputation for high quality products as well as an extensive custom design portfolio, AddOn has the connectivity solution regardless of the requirement.

At AddOn, 100% of the products we ship every day are tested in the specific application for which they are intended–never batch or spec tested only. We run bandwidth, distance and IOS network tests. We have documented an impressive 0.03% failure rate over the last 10 years. To continue this rate of success we invest millions annually in our own on-site testing lab.

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