

DDR4 WT DIMM



United States Patent / US11051392B2
Taiwan Invention Patent / I703921
China Utility Patent / CN 211019739 U

Industrial Rugged series DDR4 WT DIMM adopts high-quality ES level and industrial IC, delivering superior performance and durability. The product is also equipped with a durability patent and patented graphene cooling module United States Patent (No.: US11051392B2), making it compatible with the majority of extreme industrial environments.



Main Feature

- Patented graphene cooling module
United States Patent (No.: US11051392B2) Taiwan Invention Patent (No.: I703921)
China Utility Model Patent (No.: CN 211019739 U)
- ES level and industrial particle IC
- Patented technology for durable storage
- Patented IC grade verification technology (NO.: I751093)
- Military-grade resistance to shocks and vibrations

Ordering Information

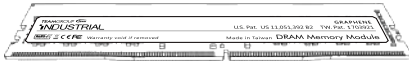
Frequency	Capacity	Team P/N
U-DIMM 2400	4GB	TE4GHLXV4HH-VP0G
	8GB	TE8GHLXV4BH-VP0G
	16GB	TE16GHLXV4BH-VP0G
U-DIMM 2666	8GB	TE8GHLXV6BH-VP0G
	16GB	TE16GHLXV6BH-VP0G
	32GB	TE32GHLXV6MH-VP0G
U-DIMM 3200	8GB	TE8GHLXV3BH-VP0G
	16GB	TE16GHLXV3BH-VP0G
	32GB	TE32GHLXV3MH-VP0G
SO-DIMM 2400	4GB	TE4GHSXV4HH-VP0G
	8GB	TE8GHSXV4BH-VP0G
	16GB	TE16GHSXV4BH-VP0G
SO-DIMM 2666	8GB	TE8GHSXV6BH-VP0G
	16GB	TE16GHSXV6BH-VP0G
	32GB	TE32GHSXV6MH-VP0G
SO-DIMM 3200	8GB	TE8GHSXV3BH-VP0G
	16GB	TE16GHSXV3BH-VP0G
	32GB	TE32GHSXV3MH-VP0G

Specification

Frequency	2133 / 2400 / 2666 / 3200
Capacity	4GB / 8GB / 16GB / 32GB
Pin Count	288pin (U-DIMM) / 260pin (SO-DIMM)
Width	64Bits
Voltage	1.2V
PCB Height	1.23 Inches (U-DIMM) / 1.18 Inches (SO-DIMM)
Standard Operating Temperature [°C]	-40~85°C
Extended Operating Temperature [°C]	-40~95°C
Shock	<ul style="list-style-type: none"> • Operation: 50G / 11ms (compliant with MIL-STD-202G Test condition A) • Non-operation: 1,500G / 0.5ms (compliant with MIL-STD-883K Test condition B)
Vibration	<ul style="list-style-type: none"> • Operation: 7.69 Grms, 20~2,000 Hz / random (compliant with MIL-STD-810G General) • Non-operation: 4.02 Grms, 15 ~ 2,000 Hz / sine (compliant with MIL-STD-810G General)
Anti-Sulfuration	√ Taiwan Utility Patent (No.: M611951)
Value-Added Service	Conformal Coating
Warranty	Limited Lifetime

※We reserve the right to modify product specifications without prior notice.


▲In a high temperature environment (95 °C)



TEAM Industrial Rugged DDR4 WT DIMM

with graphene heat sink

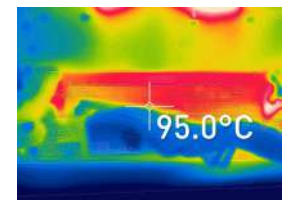
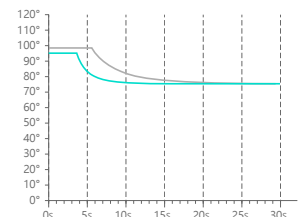
95°
Actual product surface temp



Other industrial DDR4 DIMM

without heat sink

99°
Actual product surface temp



※The experimental data is based on the test results of TeamGroup's internal laboratory, using DDR4 DIMM without heat sink and DDR4 WT DIMM with graphene heat sink to test temperature data. The relevant test environment uses a wide temperature environment (95°C), and the actual temperature may vary according to different environmental conditions.