



DDR5 ECC U-DIMM

TEAMGROUP's industrial DDR5 DRAM modules comply with JEDEC standards, offering better performance and stability while effectively reducing power consumption. The product is also suitable for various industrial computers, work stations and server systems. TEAMGROUP has also selected a high-quality ES level IC die that delivers performance, compatibility, and stability.



Main Feature

- High-Speed Industrial-Grade Dram Module of the New Generation
- ES level and Industrial-Grade IC
- Power Management ICs (PMICs) Equipped.
- JEDEC Low Power 1.1V Standards
- On-Die ECC for Stable System
- Military-Grade Resistance to Shocks and Vibrations
- ROHS/CE/FCC Standards
- DFE function provides better protection for server systems
- Patented IC Grade Verification Technology (NO.: I751093)

Specification

| | |
|---------------------------------------|--|
| Frequency | 4800 / 5600 |
| Capacity | 16GB / 32GB / 24GB / 48GB |
| Pin Count | 288pin |
| Width | 72Bits |
| Voltage | 1.1V |
| PCB Height | 1.23 Inches |
| Standard Operating Temperature (°C) | 0°C (32°F) ~ 85°C (185°F) |
| Extended Operating Temperature (°C) | -40°C (-40°F) ~ 85°C (185°F) |
| 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) |
| Gold Finger | 30μ" |
| Value-Added Service | Conformal Coating |
| Warranty | Limited Lifetime |

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

Ordering Information

| Frequency | Capacity | Team P/N |
|-----------|----------|--------------|
| 4800 | 16GB | TE16GFLEV1MH |
| | 32GB | TE32GFLEV1MH |
| 5600 | 16GB | TE16GFREV2MH |
| | 32GB | TE32GFREV2MH |



The T.R.U.S.T. technology was developed by TEAMGROUP to ensure performance, reliability, and data security for special industrial and market applications. In line with TEAMGROUP's core beliefs in developing products and business connections through good faith, TEAMGROUP has created the T.R.U.S.T. technology for effective heat management (Temperature), robust product technologies (Robust), unique quality management (Unique), smart management technologies (Smart), data protection and durable technologies (Trust). The five technologies are integrated to form TEAMGROUP's newest T.R.U.S.T. mark for industrial products.

Temperature - TEAMGROUP's exclusive cooling solution, ultra-wide temperature specs, and customized industrial firmware technologies allow TEAMGROUP's industrial products to maintain peak performance under harsh, high-temp environments.

Robust - With patented anti-sulfuration and high-voltage technologies for storage devices and the 30μ gold finger plating and coating technologies, TEAMGROUP's products are elevated to a new level of robustness.

Unique - Using industrial ES level IC, patented IC grade verification technology, and exclusive TeamTest verification program, TEAMGROUP has integrated a unique quality control solution.

Smart - Supporting global wear leveling technology, TRIM commands, and other smart management technologies and has also developed a patented S.M.A.R.T. Tool software for industrial solutions that are equipped with unique functions and interfaces to effectively increase management efficiency in TEAMGROUP SSD products.

Trust - All industrial products are shock-proof and vibration-resistant according to U.S. military standards and can support hardware encryption and end-to-end data protection to offer reliable data security.



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