

TB2201 BGA SSD

PCIe® Gen4 NVMe™ BGA SSD

Automotive
IoT Devices
Embedded Apps

Overview

The TenaFe TB2201 is an industry leading PCIe Gen4 BGA NVMe SSD solution supporting Gen4x4 with capacities up to 1TB. The TB2201 resides in a compact BGA dimension of 16 x 20mm.

Industries

The TB2201 BGA SSD is designed to deliver outstanding performance, reliability, power and thermal efficiencies for a wide range of applications such as Autonomous Vehicles, Tablets, Laptops, Mobile Devices, Edge and Embedded Systems.

Power in a Tiny Package

The TB2201 holds all the vital elements of any SSD-- a controller, NAND flash yet DRAMless in one tiny component. Focusing on compactness, the TB2201 is about a fifth of the M.2 2280 SSD and is soldered down, enabling vibration resistant and shock proof applications.



Applications

- Automotive
- IoT Devices (AR/VR)
- Embedded Systems

Specifications	TB2201
Status	Sampling Q2'2024
Interface	PCIe® Gen4x4
NVMe	NVMe 1.4 Supports HMB
Capacity	256GB, 512GB, 1TB
DRAM	DRAMLess
Performance	Sequential Read/Write: 5GB/s / 4.8GB/s
Certification	AEC-Q100
Package	16mm x 20mm