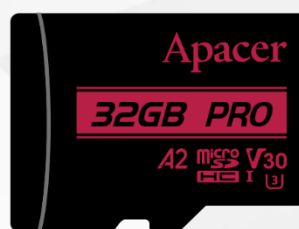


The Most **Reliable**  
Storage For Industries

PRA233/PRA212



## Overview

Apacer PRA233/PRA212 provide ideal storage solutions for your Raspberry Pi 3/4/5 projects, delivering low power consumption and cost-effective storage solutions with advanced technology. Designed for stable performance, it ensures consistent operation for long-term projects and embedded applications. With high endurance, it handles heavy write cycles, making it ideal for demanding environments.

With exceptional performance and enhanced reliability, PRA233/PRA212 are the ideal storage solutions for a variety of applications, such as education, retail, and IoT markets.



## Features

- Built-in advanced ECC algorithm
- Global Wear Leveling
- Flash bad-block management
- SMART Read Refresh™
- Power Failure Management
- Flash Translation Layer: Page Mapping

## Specifications

Model	PRA233/PRA212
Interface	microSD card
Connector	-
Form Factor	-
NAND Flash Type	3D TLC
Capacity	32GB/64GB
External DRAM	-
Sustained Read Performance (MB/sec)	32GB: 100MB/S ; 64GB: 95MB/S
Sustained Write Performance (MB/sec)	32GB: 30MB/S ; 64GB: 45MB/S
ECC Engine	-
IOPS (4K Random Write)	-
Standard Operating Temperature ( °C )	-25 ~ + 85
Storage Temperature ( °C )	-40 ~ 85
Shock	-
Vibration	-
Operating Voltage	2.7V ~ 3.6V
Power Consumption	Active mode: 905 mA / Idle mode: 180mA
Dimension (L x W x H )	15.00 x 11.00 x 1 (mm)
MTBF (hours)	-

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