



The Internet of Things (IoT)

ATP Ruggedized NAND Flash Storage and DRAM Modules



As a member of the Intel IoT Solution Alliance, ATP is qualified with numbers of leading IoT hardware platforms and manufacturers, offering storage solutions to complement the Internet of Things and its future!

ATP, Place Highest Value to Serve Your IoT

Key Differentiator

■ Data Integrity

- **Power Failure Protection** : HW/FW Mechanism Power Protector & Power Cycling Reliability Demonstration Test
- **Advanced Wear Leveling (Write-centric operation)** : Bad Block Management & Device Life Time Extent
- **AutoRefresh (Read-centric operation)** : Read Disturbance Aversion by Active Monitor ECC & Auto Back-up Engine
- **ATP Life Monitor/S.M.A.R.T Tool** : Real-time Health/Critical Information Check

■ Long-term Reliability

- **100% Production Level Burn In Test** : Comprehensive Testing & Tailored Testing Criteria for Mission-oriented Applications
- **Robust Footprint** : Extreme Operating Environments Resistance
Wide Temperature -40°C ~ 85°C (Industrial Grade Flash & DRAM Products) ;
Water/Dust IEC60529 Test (SD – IP67/microSD – IP57) ; Shock/Vibration/ESD ...etc
- **Product Longevity** : Controlled BOM & Strong Partnership with Key Suppliers (e.g. Micron)

Applications



IoT Gateways



Safety (Surveillance/Disaster Management)



Connected Devices/IPC/Embedded Systems



Smart Industrial Applications (Factory/Transportation/Retail)



Cloud Computing (Server/Storage)

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