



Channel Updates

DRAM

- › PC DRAM contract prices held steady in March, maintaining a quarter-over-quarter increase for 1Q24.
- › Server DRAM price hikes are forecasted to slow in 2Q24 due to low demand visibility.

NAND

- › NAND semiconductor vendors are likely to continue their push for price increases in Q2, even though demand has been soft due to slow seasonality.

How to... Protect your SMB from Ransomware

Did you know that **over three in four organizations were targeted by ransomware in 2022**? Data disasters are not an everyday issue, which is why they so often take people by surprise. Every small and medium-sized business should have a plan for dealing with ransomware, since more than any organization, they can't afford to lose their data. Kingston IronKey offers hardware-based encryption options to securely back up your company's critical data. The line offers data protection against numerous varieties of cyber-attacks and can provide a means of circumventing ransomware demands.

Why do cybercriminals attack SMBs?

The common belief among cybercriminals appears to be that small and mid-sized businesses are less capable of protecting themselves from ransomware than large corporations or government agencies. While the payout might be smaller, they are easier prey, **with only 14% of targeted SMBs equipped to handle cyberattacks**. This is why SMBs make up nearly 43% of cybercriminal targets. Three in four SMBs would grind to a halt if hit with ransomware, making them extremely likely to pay out rather than risk permanent closure.

How can Kingston IronKey help?

Kingston IronKey offers an alternative to flinging small fortunes in Bitcoin at cybercriminals in the vague hope of reciprocity. Using an external encrypted SSD like the Kingston IronKey Vault Privacy 80 External SSD as a backup ensures that there are terabytes of firmly gated, air-gapped data that cybercriminals cannot access. Air-gapped backups ensure that your data is not connected to the internet.

[more >>](#)

You can use the backup drive to revert your primary system back to a point before the ransomware was installed. As the VP80ES is XTS-AES 256-bit hardware-encrypted, it is near-impossible for a hacker to break the encryption on the drive. This means it makes a better backup than Cloud solutions, as it is more secure. Cloud backups can be affected by breaches as well, and a Cloud breach sometimes results in the Cloud service being inaccessible as the Cloud server security issues are addressed, resulting in potential delays in accessing critical backup data when needed.

Read the full article [here](#).



Kingston IronKey Vault Privacy 80 External SSD

FIPS 197 Certified & XTS-AES 256-bit Encrypted



Kingston IronKey Vault Privacy 80 External SSD is Kingston's first innovative OS-independent hardware-encrypted external SSD with touch screen for data protection. VP80ES safeguards against Brute Force attacks and BadUSB with digitally-signed firmware. Brute Force attack protection crypto-erases the drive if the Admin and User passwords are entered incorrectly 15 times in a row by default. The drive is FIPS 197 certified with XTS-AES 256-bit encryption using a Common Criteria EAL5+ (CC EAL5+) certified secure microprocessor, and is TAA compliant.



Key Features Safeguard with FIPS 197 certified XTS-AES 256-bit encryption

Built-in protections against BadUSB, Brute Force attacks and Common Criteria EAL5+ certified secure microprocessor.



Extended Security Options

Adjustable auto-timeout to lock drive, randomize touch screen layout and Secure-Erase the drive to wipe out all passwords and encryption key.



Unique Intuitive Touch Screen

Protecting your data is easy with the intuitive, user-friendly color touch screen.



Dual Read-Only (Write-Protect) Mode Settings

Defend against cybersecurity threats from compromised systems using two levels of Read-only protection.



Multi-Password (Admin/User) Option with PIN/Passphrase modes

Multi-Password Option for Data Recovery with Admin access.



Ideal for Regular Backups and Protection against Ransomware

Regular backups are the best practice to safeguard critical data against malware or ransomware.



Configurable Password Rules

Manage the number of password attempts, minimum password length of 6-64 characters, and numeric or alphabet password rules.

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