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COMPLETE SOLUTIONS TO SUIT ANY BUSINESS - FREE DEMO'S & QUOTES



Solid State Storage is a new type of technology that emulates hard disks **without requiring any moving parts.**

At Anchor Data Systems we have witnessed and actively encouraged many businesses and EPOS Touch Screen Computer owners to begin switching to Solid State Storage (often referred to as "SSD") in order to rid themselves of many of the problems that often occur due to the inefficiencies of the standard "spinning" hard disk. With the advent of the SSD, users no longer have to endure slow performance, screen-freeze, or even the dreaded blue screen of death!

Below you'll find our Top Ten Benefits of Using a Touch Screen Computer with a Solid State Disk:

1. Completely Silent – Because there are no moving parts Solid State devices make no noise, with the exception of some of the higher end models that have an attached cooling fan.



2. RAM - The random access memory of a Solid State device is quick, due to the lack of writing implement necessary to save the data.

3. Access Times - Solid State Memory has access times that are approximately 250 times that of the standard hard drive, making access time lag virtually imperceptible.

4. Boot-Up - Solid State disks can boot up over 25 times faster than the standard hard drive, since there are no disks that need to warm up.

5. Little to No Mechanical Failure – Because there are no moving parts to an SSD, it is rare that any mechanical failure can occur, because there are no parts that can break. As such, SSD can withstand a great deal of movement and vibration – far more than the standard hard drive – without risking any broken pieces (which can often occur in busy retail or hospitality environments. This is particularly in situations where the Touch Screen resides directly on top of a cash drawer or counter-top that is constantly being bumped against or slammed shut by the user!)



**NCR RealPOS-25 All-In-One
Touch Screen Computer
(40GB Solid State Drive)**

6. Capacity - The lower capacity SSDs (and more recently the higher end SSDs) require very little power usage and produce far less heat, subsequently vastly reducing down-time and overall product failure.

7. Clearly Understood Performance – Because Hard Drives can wear down at random speeds due to the life of their moving parts, estimating the life of a hard drive is somewhat difficult. With SSDs, however, it is easy to calculate how they will perform because there are no moving parts, so all of the pieces wear down at the same, pre-established speed.

8. Physical Size - Most of the lower capacity disks tend to weigh less and can fit in smaller areas. Since most SSD are flash drive disks, up to 512 GB are lighter than their Hard Drive counterparts, and exponentially lighter as the capacity grows smaller. Normal hard drives tend to require the same components regardless of the capacity, resulting in increased weight and size.

9. Back-Up - Many models contain batteries that allow them to be saved/backed up in the event of a power outage or transferred from computer to computer without losing data.



**ELO 15D1 All-In-One
Touch Screen Computer
(80GB Solid State Drive)**

10. Growth Potential – Unlike hard drives, as SSDs start to grow in popularity their disk space is expected to increase with it, without the performance or speed being affected. In addition, the space required to maintain these SSD when they grow is expected to be less, making them ideal for Touch Screens in the near future.