NCR's latest offering in the NCR Site Controller line is the NCR S500 platform. Building on the success of its predecessors, the S500 platform provides an industry standard computing platform for site and file servers. Utilizing Intel's latest micro-architecture, the S500 employs a 14 nm manufacturing process, hyper-threading, multiple cores, and memory controller integration onto the processor. Keeping with the NCR goal of long-life products, the S500 platform has been sourced to provide a long life relative to the PC market, where platform changes every 6 months are common.

**Key features**

- **Enhanced system performance**
  Dual-Core and Quad-Core technology integrates multiple complete execution cores in a single processor providing advancements in simultaneous computing for multi-threaded applications and multi-tasking.

- **Efficient design**
  The S500 features a small form footprint and (optional) full front locking door saving valuable space and preventing accidental shut-down or tampering by covering the power switch, USB ports and optical drive.

- **Dependable**
  The S500 pairs a single board design minimizing connections for high reliability with Intel AMT (Active Management Technology) for Remote Device System Management reducing on-site service calls.

- **Protects your investment**
  Execute Disable Bit can prevent certain classes of malicious “buffer overflow” attacks when combined with a supporting operating system.

For more information, visit [www.ncr.com](http://www.ncr.com), or email retail@ncr.com.
## Technical specifications

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<td>FORM FACTOR</td>
<td>• MicroATX</td>
<td>LGA 1151</td>
<td>Four 288-pin DDR4 SDRAM DIMM sockets</td>
<td>Integrated graphics support for processors with Intel® Graphics Technology:</td>
<td>• 1 x DVI-I (Up to 1920 x 1200 @60Hz)</td>
<td>• 2 x HDMI (Up to 4096 x 2160 @24Hz)</td>
<td>• 10 USB 3.0 ports (back panel), 4 USB 2.0 ports (front panel and 2 optional expansion)</td>
<td>• 6 Serial ATA (6Gbps) interfaces</td>
<td>• 1 serial port</td>
<td>• Board supports Intel Rapid Storage Technology which provides the following RAID levels:</td>
<td>• RAID 0 – data striping</td>
<td>• Not available</td>
<td>• CD-RW/DVD-RW Combo SATA</td>
<td>Std 500GB or 2TB 7200rpm SATA hard drive; optional 2nd HD available</td>
<td>• PCIe 56K controller based Fax/modem (Optional)</td>
<td>• Options for 2 port or 4 port serial add in cards (Optional)</td>
<td>• Option for 1 DB-25 female IEEE 1284 parallel port (Optional)</td>
<td>• Windows 7 Professional (32 and 64 bit)</td>
<td>• 0°C–70°C; 32°F–158°F</td>
<td>• 10°C–35°C; 50°F–95°F System components must be at room temp so condensation does not form</td>
<td></td>
</tr>
<tr>
<td>PROCESSOR SOCKET</td>
<td>• Intel® Core™ i7-6700 Quad Core</td>
<td>Intel® Q170 Express Chipset</td>
<td>DDR4 2133 MHz supported</td>
<td>Minimum of 4 GB system memory; upgradeable to 16GB</td>
<td>Intel® High Definition Audio:</td>
<td>• Four 288-pin DDR4 SDRAM DIMM sockets</td>
<td>• Minimum of 4 GB system memory; upgradeable to 16GB</td>
<td>• 2 x RJ45 10/100/1000 Mbits/s LAN subsystems</td>
<td>One PCI Express x16 connector</td>
<td>• RAID 1 – data mirroring</td>
<td>• CD-RW/DVD-RW Combo SATA</td>
<td>Std 120GB SATA SSD available; optional 2nd SSD available</td>
<td>• PCIe 56K controller based Fax/modem (Optional)</td>
<td>• Options for 2 port or 4 port serial add in cards (Optional)</td>
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<td>• Intel® Core™ i3-6100 Dual Core</td>
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**Why NCR?**

NCR Corporation (NYSE: NCR) is the global leader in consumer transaction technologies, turning everyday interactions with businesses into exceptional experiences. With its software, hardware, and portfolio of services, NCR enables more than 550 million transactions daily across retail, financial, travel, hospitality, telecom and technology, and small business. NCR solutions run the everyday transactions that make your life easier. NCR is headquartered in Duluth, Georgia with over 30,000 employees and does business in 180 countries. NCR is a trademark of NCR Corporation in the United States and other countries. The company encourages investors to visit its web site which is updated regularly with financial and other important information about NCR.

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