The MAS3735 73.5GB Ultra320 SCSI
“The World’s Fastest Drive”

Fujitsu’s MAS3735 turns in record-breaking low-level scores, a magnificent physical achievement. Fujitsu’s drive easily delivers the top marks in all our server measures.

In the end there is no question about it, those seeking the fastest hard drive around should get the MAS3735. The MAS3735 delivers top-notch single and multiple user performance to snatch the title of “World’s Fastest Drive”.

Introduction
With its outstanding 10,000 RPM MAP3147, Fujitsu has demonstrated that it is a force to be reckoned with and is now aiming to test the competition with the MAS3735 15,000 RPM. Combining up to four 18GB platters to yield a flagship capacity of 73GB with an average read access time of just 3.3 ms and industry standard 8MB buffer. With 2.78 inch (70 mm) media, the increased radius means more linear density can be incorporated into the product.

Low Level Results
IPEAK SPT’s AnalyzeDisk assesses many low level characteristics of hard drives. Random read access time is just under 5.6 ms.

The output graph, indicates an outer-zone sequential transfer rate of 78.6 MB/sec, breaking yet another record. Interestingly, the MAS maintains this rate for over half its capacity.
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Server Performance

Server DriveMarks consist of IOMeter trials using predefined patterns supplied by Intel across varying load depths. The reported scores represent the average of results from 1 to 64 outstanding IO's.

When it comes to such gruelling tasks as servicing multiple users, the MAS3735, whether the load is heavy or light, in both file and web server scenarios, tops all other contenders.

Desktop Performance

IPEAK SPT’s WinTrace32 and RankDisk

In the High-End DriveMark the MAS sets a new height by narrowly beating the Atlas. Optimising for Windows XP’s bootup process is one of Fujitsu’s current strong points, as evidenced by its current generation 10,000 RPM drive the MAP3147. The MAS likewise handily outperforms all others in this category.

PRODUCT MATRIX

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>RPM</th>
<th>Interface</th>
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<tr>
<td>MAS3184NP/NC</td>
<td>18.4GB</td>
<td>15K</td>
<td>Ultra320 SCSI (68 pin/80 pin SCA-2)</td>
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<tr>
<td>MAS3367NP/NC</td>
<td>36.7GB</td>
<td>15K</td>
<td>Ultra320 SCSI (68 pin/80 pin SCA-2)</td>
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<tr>
<td>MAS3735NP/NC</td>
<td>73.5GB</td>
<td>15K</td>
<td>Ultra320 SCSI (68 pin/80 pin SCA-2)</td>
</tr>
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All models in the MAS3xxxNx series deliver the same unparalleled performance

The contents on these pages are taken from StorageReview.com’s independent product review. The full review can be viewed at HTTP://www.storagereview.com

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