



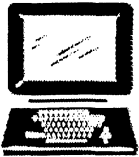
Design Data Systems

# Design Data Systems, Inc.

## 32-BIT ECLIPSE MV/FAMILY SYSTEMS

| Characteristics            | MV/4000       | MV/7800  | MV/7800XP | MV/15000 Mod 10 | MV/9500   |
|----------------------------|---------------|----------|-----------|-----------------|---|
| Drystones Rev 2.1          | Not Published | 1497     | 2075      | 4863            | 7112  |
| Whetstones (K whets)       |               |          |           |                 |   |
| Single                     | 690           | 1127     | 1577      | 4596            | 4681  |
| Double                     | 520           | 808      | 1131      | 3963            | 2487  |
| Memory (MB) - Maximum      | 8             | 14       | 28        | 64              | 128   |
| Maximum Asynchronous Ports | 64            | 128      | 128       | 432             | 624   |
| Maximum Storage (GB)       | 9.4           | 16GB     | 16GB      | 20GB            | 77GB  |
| BMC Controllers (Max)      | 4             | 4        | 4         | 7               | 8   |
| Maximum OA Users (CEO)     | 12            | 35       | 49        | 109             | 123   |
| Performance vs. MV/9500    | 20%           | 25%      | 31%       | 77%             | 100%  |
| Price with 8MB (New)       | \$61,100      | \$27,550 | \$32,000  | \$123,100       | \$62,000<br>with chassis<br>\$49,500<br>without chassis |

\* Statistics provided by Data General Corporation



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# Design Data Systems, Inc. 16 and 32-bit Eclipse Family Systems

| Processor   | Single KWhet | Double KWhet | Maximum Memory | Year Announced |
|-------------|--------------|--------------|----------------|----------------|
| S/20        | 70           | 24           | 2MB            | 82             |
| S/120       | 70           | 25           | 512KB          | 82             |
| S/140       | 80           | 40           | 2MB            | 79             |
| S/280       | 120          | 80           | 2MB            | 83             |
| Nova 4/x fp | 185          | 175          | 256KB          | 78             |
| S/20fp      | 225          | 125          | 2MB            | 82             |
| S/130       | 240          | 80           | 1MB            | 77             |
| C/150       | 240          | 80           | 2MB            | 78             |
| S/250       | 240          | 80           | 2MB            | 78             |
| AP/130      | 240          | 80           | 896KB          | 78             |
| MV/4000     | 425          | 200          | 8MB            | 82             |
| S/140FP     | 450          | 380          | 2MB            | 79             |
| S/230FP     | 500          | 400          | 512KB          | 77             |
| MV/4000FP   | 600          | 425          | 8MB            | 82             |
| C/350       | 610          | 530          | 2MB            | 78             |
| M/600       | 610          | 530          | 2MB            | 78             |
| S/250FP     | 610          | 530          | 2MB            | 78             |
| S/280FP     | 900          | 600          | 2MB            | 83             |
| MV/6000     | 1260         | 415          | 4MB            | 81             |
| MV/8000FP   | 1260         | 995          | 12MB           | 80             |
| MV/10000    | 2500         | 1900         | 16MB           | 83             |
| MV/9500     | 4681         | 2839         | 128MB          | 90             |

\* Statistics provided by Data General Corporation

**SKS-HP TRANSACTIONS PER SECOND  
PERFORMANCE COMPARISON**

|               | <u>DATA GENERAL</u> |                    | <u>ZETACO</u>      |                    |
|---------------|---------------------|--------------------|--------------------|--------------------|
| <b>DRIVES</b> | <b>RAMS 500MB</b>   | <b>6621 1200MB</b> | <b>SKS-HP601MB</b> | <b>SKS-HP330MB</b> |
| 1             | 37                  | 25                 | 35                 | 43                 |
| 2             | 75                  | N/A                | 68                 | 82                 |
| 3             | 110                 | N/A                | 99                 | 118                |
| 4             | 140E                | N/A                | 127                | 144                |
| <b>\$/MB</b>  | 1000MB=\$51.30      | 1200MB=\$29.42     | 1202MB=\$20.79     | 660MB=\$28.17      |

**OTHER DATA GENERAL MARKET SUBSYSTEMS  
TRANSACTIONS PER SECOND PERFORMANCE COMPARISON**

|               | <u>DATA GENERAL</u> |                |                | <u>ZETACO</u>  |                |
|---------------|---------------------|----------------|----------------|----------------|----------------|
| <b>DRIVES</b> | <b>ARGUS 354MB</b>  | <b>DG727MB</b> | <b>DG622MB</b> | <b>MAX1066</b> | <b>SKS-600</b> |
| 1             | 26                  | 30             | 30E            | 38             | 29             |
| 2             | 46                  | 56             | 56E            | 55E            | 40E            |
| 3             | 47                  | 77             | 77E            | 70E            | 45E            |
| 4             | 47E                 | 90E            | 90E            | 75E            | 50E            |
| <b>\$/MB</b>  | 354MB=\$70.62       | 727MB=\$30.12  | 622MB=\$30.21  | 1066MB=\$22.51 | 600MB=\$29.16  |

# Parameter Importance in Random Disk Access

|                        | <b>Argus<br/>6236</b> | <b>R.A.M.S.<br/>6581</b> | <b>SKS-HP<br/>660</b> | <b>% of<br/>Access</b> |
|------------------------|-----------------------|--------------------------|-----------------------|------------------------|
| <b>Average Seek</b>    | <b>20 ms</b>          | <b>16 ms</b>             | <b>10.7 ms</b>        | <b>46 - 52</b>         |
| <b>Average Latency</b> | <b>10 ms</b>          | <b>6.5 ms</b>            | <b>8.3 ms</b>         | <b>24 - 36</b>         |
| <b>Overhead</b>        | <b>7 ms</b>           | <b>3.4 ms</b>            | <b>3.3 ms</b>         | <b>11 - 18</b>         |
| <b>4-Sector Xfer</b>   | <b>1 ms</b>           | <b>.9 ms</b>             | <b>1 ms</b>           | <b>3 - 4</b>           |
| <b>Random Access</b>   | <b>38 ms</b>          | <b>26.8 ms</b>           | <b>23.3 ms</b>        | <b>---</b>             |
| <b>Random TA/sec</b>   | <b>26</b>             | <b>37.3</b>              | <b>43</b>             | <b>100</b>             |