

# CPU OPTIONS

## MZ1-10ADP CPU Options

| Processor Name                                      | Cache | E Core Base Clock | P Core Base Clock | Boost Clock | Cores  | Threads | TDP |
|---|-------|-------------------|-------------------|-------------|--------|---------|-----|
| <b>14th Generation Intel® Raptor Lake Refresh-S</b> |       |                   |                   |             |        |         |     |
| Intel® Core™ i9-14901KE Processor                   | 36M   | -                 | 3.80 GHz          | 5.80 GHz    | 8      | 16      | 65W |
| Intel® Core™ i9-14901E Processor                    | 36M   | -                 | 2.80 GHz          | 5.60 GHz    | 8      | 16      | 65W |
| Intel® Core™ i9-14901TE Processor                   | 36M   | -                 | 2.30 GHz          | 5.50 GHz    | 8      | 16      | 45W |
| Intel® Core™ i7-14701E Processor                    | 33M   | -                 | 2.60 GHz          | 5.40 GHz    | 8      | 16      | 65W |
| Intel® Core™ i7-14701TE Processor                   | 33M   | -                 | 2.10 GHz          | 5.20 GHz    | 8      | 16      | 45W |
| Intel® Core™ i5-14501E Processor                    | 24M   | -                 | 3.30 GHz          | 5.20 GHz    | 6      | 12      | 65W |
| Intel® Core™ i5-14501TE Processor                   | 24M   | -                 | 2.20 GHz          | 5.10 GHz    | 6      | 12      | 45W |
| Intel® Core™ i5-14401E Processor                    | 24M   | -                 | 2.50 GHz          | 4.70 GHz    | 6      | 12      | 65W |
| Intel® Core™ i5-14401TE Processor                   | 24M   | -                 | 2.00 GHz          | 4.50 GHz    | 6      | 12      | 45W |
| Intel® Core™ i9-14900 Processor                     | 36M   | 1.50 GHz          | 2.00 GHz          | 5.80 GHz    | 16 + 8 | 32      | 65W |
| Intel® Core™ i9-14900T Processor                    | 36M   | 800 MHz           | 1.10 GHz          | 5.50 GHz    | 16 + 8 | 32      | 35W |
| Intel® Core™ i7-14700 Processor                     | 33M   | 1.50 GHz          | 2.10 GHz          | 5.40 GHz    | 12 + 8 | 28      | 65W |
| Intel® Core™ i7-14700T Processor                    | 33M   | 900 MHz           | 1.30 GHz          | 5.20 GHz    | 12 + 8 | 28      | 35W |
| Intel® Core™ i5-14500 Processor                     | 24M   | 1.90 GHz          | 2.60 GHz          | 5.00 GHz    | 6 + 8  | 20      | 65W |
| Intel® Core™ i5-14500T Processor                    | 24M   | 1.20 GHz          | 1.70 GHz          | 4.80 GHz    | 6 + 8  | 20      | 35W |
| Intel® Core™ i5-14400 Processor                     | 20M   | 1.80 GHz          | 2.50 GHz          | 4.70 GHz    | 4 + 6  | 16      | 65W |
| Intel® Core™ i5-14400T Processor                    | 20M   | 1.10 GHz          | 2.50 GHz          | 4.50 GHz    | 4 + 6  | 16      | 35W |
| Intel® Core™ i3-14100 Processor                     | 12M   | -                 | 3.50 GHz          | 4.70 GHz    | 4      | 8       | 60W |
| Intel® Core™ i3-14100T Processor                    | 12M   | -                 | 2.70 GHz          | 4.40 GHz    | 4      | 8       | 35W |
| <b>13th Generation Intel® Raptor Lake-S</b>         |       |                   |                   |             |        |         |     |
| Intel® Core™ i9-13900 Processor                     | 36M   | 1.50 GHz          | 2.00 GHz          | 5.60 GHz    | 8 + 16 | 32      | 65W |
| Intel® Core™ i9-13900E Processor                    | 36M   | 1.30 GHz          | 1.80 GHz          | 5.20 GHz    | 8 + 16 | 32      | 65W |
| Intel® Core™ i9-13900TE Processor                   | 36M   | 800 MHz           | 1.00 GHz          | 5.00 GHz    | 8 + 16 | 32      | 35W |
| Intel® Core™ i7-13700 Processor                     | 30M   | 1.50 GHz          | 2.10 GHz          | 5.20 GHz    | 8 + 8  | 24      | 65W |
| Intel® Core™ i7-13700E Processor                    | 30M   | 1.30 GHz          | 1.90 GHz          | 5.10 GHz    | 8 + 8  | 24      | 65W |
| Intel® Core™ i7-13700TE Processor                   | 30M   | 800 MHz           | 1.10 GHz          | 4.80 GHz    | 8 + 8  | 24      | 35W |
| Intel® Core™ i5-13500 Processor                     | 24M   | 1.80 GHz          | 2.50 GHz          | 4.80 GHz    | 6 + 8  | 20      | 65W |
| Intel® Core™ i5-13500E Processor                    | 24M   | 1.50 GHz          | 2.40 GHz          | 4.60 GHz    | 6 + 8  | 20      | 65W |
| Intel® Core™ i5-13500TE Processor                   | 24M   | 1.10 GHz          | 1.30 GHz          | 4.50 GHz    | 6 + 8  | 20      | 35W |
| Intel® Core™ i3-13100 Processor                     | 12M   | -                 | 3.40 GHz          | 4.50 GHz    | 4      | 8       | 60W |
| Intel® Core™ i3-13100E Processor                    | 12M   | -                 | 3.30 GHz          | 4.40 GHz    | 4      | 8       | 60W |
| Intel® Core™ i3-13100TE Processor                   | 12M   | -                 | 2.40 GHz          | 4.10 GHz    | 4      | 8       | 35W |
| <b>12th Generation Intel® Alder Lake-S</b>          |       |                   |                   |             |        |         |     |

|                                   |     |          |          |          |       |    |     |
|-----------------------------------|-----|----------|----------|----------|-------|----|-----|
| Intel® Core™ i9-12900 Processor   | 30M | 1.80 GHz | 2.40 GHz | 5.10 GHz | 8 + 8 | 24 | 65W |
| Intel® Core™ i9-12900E Processor  | 30M | 1.70 GHz | 2.30 GHz | 5.00 GHz | 8 + 8 | 24 | 65W |
| Intel® Core™ i9-12900TE Processor | 30M | 1.00 GHz | 1.10 GHz | 4.80 GHz | 8 + 8 | 24 | 35W |
| Intel® Core™ i7-12700 Processor   | 25M | 1.60 GHz | 2.10 GHz | 4.90 GHz | 4 + 8 | 20 | 65W |
| Intel® Core™ i7-12700E Processor  | 25M | 1.60 GHz | 2.10 GHz | 4.80 GHz | 4 + 8 | 20 | 65W |
| Intel® Core™ i7-12700TE Processor | 25M | 1.00 GHz | 1.40 GHz | 4.60 GHz | 4 + 8 | 20 | 35W |
| Intel® Core™ i5-12500 Processor   | 18M | -        | 3.00 GHz | 4.60 GHz | 6     | 12 | 65W |
| Intel® Core™ i5-12500E Processor  | 18M | -        | 2.90 GHz | 4.50 GHz | 6     | 12 | 65W |
| Intel® Core™ i5-12500TE Processor | 18M | -        | 1.90 GHz | 4.30 GHz | 6     | 12 | 35W |
| Intel® Core™ i3-12100 Processor   | 12M | -        | 3.30 GHz | 4.30 GHz | 4     | 8  | 60W |
| Intel® Core™ i3-12100E Processor  | 12M | -        | 3.20 GHz | 4.20 GHz | 4     | 8  | 60W |
| Intel® Core™ i3-12100TE Processor | 12M | -        | 2.10 GHz | 4.00 GHz | 4     | 8  | 35W |
| Intel® Pentium® G7400E Processor  | 6M  | -        | 3.60 GHz | -        | 2     | 2  | 46W |
| Intel® Pentium® G7400TE Processor | 6M  | -        | 3.00 GHz | -        | 2     | 2  | 35W |
| Intel® Celeron® G6900E Processor  | 4M  | -        | 3.00 GHz | -        | 2     | 2  | 46W |
| Intel® Celeron® G6900TE Processor | 4M  | -        | 2.40 GHz | -        | 2     | 2  | 35W |