| CPU Inference Engines:                    | Xeon® 2124G                            | Xeon® W1290P                            | Xeon® Gold 6238L                      | Xeon® Gold 5218T                      |
|---|--|---|---------------------------------------|---------------------------------------|
| Motherboard                               | ASUSTeK COMPUTER INC. / WS C246<br>PRO | ASUSTEK COMPUTER INC. / Pro WS W480-ACE | Intel Corporation / S2600STB          | Intel Corporation / S2600STB          |
| CPU                                       | Intel® Xeon® E-2124G CPU @ 3.40GHz     | Intel® Xeon® W-1290P CPU @ 3.70GHz      | Intel® Xeon® Gold 6238L CPU @ 2.10GHz | Intel® Xeon® Gold 5218T CPU @ 2.10GHz |
| Hyper Threading                           | off                                    | on                                      | on                                    | on                                    |
| Turbo Setting                             | on                                     | on                                      | on                                    | on                                    |
| Memory                                    | 2 x 16 GB DDR4 2666MHz                 | 4 x 16 GB DDR4 @ 2666 MHz.              | 12 x 32 GB DDR4 2666MHz               | 12 x 32 GB DDR4 2666MHz               |
| Operating System                          | Ubuntu* 22.04.4 LTS                    | Ubuntu* 22.04.4 LTS                     | Ubuntu* 22.04.4 LTS                   | Ubuntu* 22.04.4 LTS                   |
| Kernel version                            | 6.2.0-31-generic                       | 6.2.0-31-generic                        | 6.8.0-40-generic                      | 6.2.0-31-generic                      |
| BIOS Vendor                               | American Megatrends Inc.               | American Megatrends Inc.                | Intel Corporation                     | Intel Corporation                     |
| BIOS Version                              | 1901                                   | 2301                                    | SE5C620.86B.02.01.0013.121520200651   | SE5C620.86B.02.01.0013.121520200651   |
| BIOS Release                              | 9/24/2021                              | 7/8/2021                                | 12/15/2020                            | 12/15/2020                            |
| NUMA nodes                                | 1                                      | 1                                       | 2                                     | 2                                     |
| Precision                                 | INT8/FP32                              | INT8/FP32                               | INT8/FP32                             | INT8/FP32                             |
| Number of concurrent inference requests   | 4                                      | 10                                      | 44                                    | 32                                    |
| Test Date                                 | 9/6/2024                               | 9/6/2024                                | 9/6/2024                              | 9/6/2024                              |
| Power dissipation/socket, TDP in Watt     | <u>71</u>                              | <u>125</u>                              | <u>140</u>                            | <u>105</u>                            |
| CPU Price on 9/6/2024,<br>Prices may vary | <u>\$249</u>                           | <u>\$594</u>                            | <u>\$6,427</u>                        | <u>\$1,572</u>                        |

| CPU Inference Engines:                    | Xeon® Platinum 8280                      | Intel® Xeon® Silver 4316               | Intel® Xeon® Platinum 8380           | Intel® Xeon® Platinum 8480+             |
|---|--|--|--------------------------------------|---|
| Motherboard                               | Intel Corporation / S2600STB             | M50CYP2SB1U Coyote Pass                | M50CYP2SB1U Coyote Pass              | Intel Corporation / Archer City         |
| CPU                                       | Intel® Xeon® Platinum 8280 CPU @ 2.70GHz | Intel® Xeon® Silver 4316 CPU @ 2.30GHz | Intel® Xeon® Gold 8380 CPU @ 2.30GHz | Intel® Xeon® Gold 84880+ CPU @ 1.9 GHz. |
| Hyper Threading                           | on                                       | on                                     | on                                   | on                                      |
| Turbo Setting                             | on                                       | on                                     | on                                   | on                                      |
| Memory                                    | 12 x 32 GB DDR4 2933MHz                  | 16 x 16 GB DDR4 3200MHz                | 16 x 16 GB DDR4 3200MHz              | 16 x 16 GB DDR5 4800MHz                 |
| Operating System                          | Ubuntu* 22.04.4 LTS                      | Ubuntu* 22.04.4 LTS                    | Ubuntu* 22.04.4 LTS                  | Ubuntu* 22.04.4 LTS                     |
| Kernel version                            | 6.8.0-40-generic                         | 6.8.0-40-generic                       | 6.5.0-41-generic                     | 6.2.0-36-generic                        |
| BIOS Vendor                               | Intel Corporation                        | Intel Corporation                      | Intel Corporation                    | Intel Corporation                       |
| BIOS Version                              | SE5C620.86B.02.01.0009.092820190230      | SE5C620.86B.01.01.0006.2207150335      | SE5C620.86B.01.01.0006.2207150335    | EGSDREL1.SYS.9409.P31.2302280828        |
| BIOS Release                              | 9/28/2019                                | 7/15/2022                              | 7/15/2022                            | 2/28/2023                               |
| NUMA nodes                                | 2  | 2                                      | 2                                    | 2                                       |
| Precision                                 | INT8/FP32                                | INT8/FP32                              | INT8/FP32                            | INT8/FP32                               |
| Number of concurrent inference requests   | 56                                       | 40                                     | 80                                   | 120                                     |
| Test Date                                 | 9/6/2024                                 | 9/6/2024                               | 9/6/2024                             | 9/6/2024                                |
| Power dissipation/socket,<br>TDP in Watt  | <u>205</u>                               | 150                                    | <u>270</u>                           | <u>350</u>                              |
| CPU Price on 9/6/2024,<br>Prices may vary | <u>\$11,460</u>                          | <u>\$1,137</u>                         | <u>\$9,359</u>                       | <u>\$10,710</u>                         |

| CPU Inference Engines:                    | Xeon® Platinum 8580                     |
|---|---|
| Motherboard                               | Intel Corporation Archer City CRB       |
| CPU                                       | Intel® Xeon® Platinum 8580 CPU @ 2.0GHz |
| Hyper Threading                           | on                                      |
| Turbo Setting                             | on                                      |
| Memory                                    | 12 x 16 GB DDR5 5600MHz                 |
| Operating System                          | Ubuntu* 22.04.4 LTS                     |
| Kernel version                            | 6.8.0-40-generic                        |
| BIOS Vendor                               | Intel Corporation                       |
| BIOS Version                              | EGSDREL1.SYS.1752.P05.2401050250        |
| BIOS Release                              | 1/5/2024                                |
| NUMA nodes                                | 2                                       |
| Precision                                 | INT8/FP32                               |
| Number of concurrent inference requests   | 120                                     |
| Test Date                                 | 9/6/2024                                |
| Power dissipation/socket,<br>TDP in Watt  | 350                                     |
| CPU Price on 9/6/2024,<br>Prices may vary | <u>\$10,710</u>                         |

| CPU Inference Engines:                    | Intel Processor N100            | Elkhart Lake                       | Alder Lake N                           | Intel® Celeron® 6305E                           |
|---|---------------------------------|------------------------------------|--|---|
| Motherboard                               | AZW-EQ                          | Elkhart Lake DDR4 CRB              | Alder Lake N DDR4 RVP                  | Intel Corporation / TigerLake U DDR4 SODIMM RVP |
| CPU                                       | Intel® Processor N100 @ 800 MHz | Intel® Atom x6425E @ 2.0GHz        | 12th Gen Intel® Atom™ x7425E @ 1.5 GHz | Intel® Celeron 6305E @ 1.80GHz                  |
| Hyper Threading                           | off                             | off                                | off                                    | off   |
| Turbo Setting                             | oon                             | on                                 | on                                     | on  |
| Memory                                    | 1x16GB DDR5 @ 4800 MT/s         | 1 x 8 GB DDR4 3200MHz              | 1 x 4 GB DDR4 3200MHz                  | 2 x 8 GB DDR4 3200MHz                           |
| Operating System                          | UB-22.04.4 LTS                  | Ubuntu* 22.04.4 LTS                | Ubuntu* 22.04.4 LTS                    | Ubuntu* 22.04.4 LTS                             |
| Kernel version                            | 6.8.0-40-generic                | 6.5.0-41-generic                   | 6.5.0-35-generic                       | 6.5.0-41-generic                                |
| BIOS Vendor                               | AMI                             | Intel Corporation                  | Intel Corporation                      | Intel Corporation                               |
| BIOS Version                              | N95V106                         | SB_EHL.001.001.000.001.007.00015.R | EHLSFWI1.R00.2512.A01.2012171339       | TGLIFUI1.R00.4391.A03.2201140438                |
| BIOS Release                              | 12/15/2023                      | 7/12/2023                          | 12/17/2020                             | 1/14/2022                                       |
| Batch size                                | 1/1/1900                        | 1                                  | 1                                      | 1   |
| Precision                                 | INT8/FP16/FP32                  | INT8/FP16/FP32                     | INT8/FP16/FP32                         | INT8/FP16/FP32                                  |
| Number of concurrent inference requests   | 1/4/1900                        | 4                                  | 4                                      | 2   |
| Test Date                                 | 9/6/2024                        | 9/6/2024                           | 9/6/2024                               | 9/6/2024  |
| Power dissipation/socket, TDP in Watt     | <u>6</u>                        | 12                                 | <u>12</u>                              | <u>15</u>                                       |
| CPU Price on 9/6/2024,<br>Prices may vary | <u>\$55</u>                     | <u>\$67</u>                        | <u>\$58</u>                            | <u>\$107</u>                                    |

| CPU Inference Engines:                    | Core i5-10500TE                                      | Core i3-8100                            | Core i5-8500                         | Core i7-8700T                       |
|---|--|---|--------------------------------------|-------------------------------------|
| Motherboard                               | Gigabyte Technology Co., Ltd. / Z490<br>AORUS PRO AX | Gigabyte Technology Co., Ltd. / Z390 UD | ASUSTeK COMPUTER INC. / PRIME Z370-A | ASUSTek Computer Inc Prime Z370-A   |
| CPU                                       | Intel® Core™ i5-10500TE CPU @ 2.30GHz                | Intel® Core™ i3-8100 CPU @ 3.60GHz      | Intel® Core™ i5-8500 CPU @ 3.00GHz   | Intel® Core™ i7-8700T CPU @ 2.40GHz |
| Hyper Threading                           | on   | off                                     | off                                  | on                                  |
| Turbo Setting                             | on   | off                                     | off                                  | on                                  |
| Memory                                    | 2 x 16 GB DDR4 @ 2666 MHz                            | 4 x 8 GB DDR4 2400MHz                   | 2 x 16 GB DDR4 2666MHz               | 4 x 16 GB DDR4 2400MHz              |
| Operating System                          | Ubuntu* 22.04.4 LTS                                  | Ubuntu* 22.04.4 LTS                     | Ubuntu* 22.04.4 LTS                  | Ubuntu* 22.04.4 LTS                 |
| Kernel version                            | 6.5.0-41-generic                                     | 6.2.0-31-generic                        | 6.5.0-41-generic                     | 6.5.0-41-generic                    |
| BIOS Vendor                               | American Megatrends Inc.                             | American Megatrends Inc.                | American Megatrends Inc.             | American Megatrends Inc.            |
| BIOS Version                              | F21  | F10                                     | 3004                                 | 2401                                |
| BIOS Release                              | 11/23/2021   | 11/5/2021                               | 7/12/2021                            | 7/12/2019                           |
| Batch size                                | 1  | 1                                       | 1                                    | 1                                   |
| Precision                                 | INT8/FP32  | INT8/FP32                               | INT8/FP32                            | INT8/FP32                           |
| Number of concurrent inference requests   | 6  | 4                                       | 6                                    | 6                                   |
| Test Date                                 | 9/6/2024   | 9/6/2024                                | 9/6/2024                             | 9/6/2024                            |
| Power dissipation/socket,<br>TDP in Watt  | <u>35</u>  | <u>65</u>                               | <u>65</u>                            | <u>35</u>                           |
| CPU Price on 9/6/2024,<br>Prices may vary | <u>\$214</u>   | <u>\$117</u>                            | <u>\$192</u>                         | <u>\$303</u>                        |

| CPU Inference Engines:                    | Core i9-10900TE                       | TGL-UP3                                  | Core i5-13600K                            | Core i9-13900K                               |
|---|---------------------------------------|--|---|--|
| Motherboard                               | iEi / B595                            | NUC11TNKv7                               | Intel Corporation NUC13SBBi5 / M89887-303 | Intel Corporation Alder Lake Client Platform |
| CPU                                       | Intel® Core™ i9-10900TE CPU @ 1.80GHz | 11th Gen Intel® Core™ i7-1185G7 @ 3.0GHz | Intel® Core™ i5-13600K CPU @ 3.5 GHz      | Intel® Core™ i9-13900K CPU @ 3.0GHz          |
| Hyper Threading                           | on                                    | on                                       | on  | on   |
| Turbo Setting                             | on                                    | on                                       | on  | on   |
| Memory                                    | 2 x 8 GB DDR4 @ 2400 MHz              | 2 x 32 GB DDR4 2667MHz                   | 2 x 32 GB DDR5 4800MHz                    | 2 x 32 GB DDR5 4800MHz                       |
| Operating System                          | Ubuntu* 22.04.4 LTS                   | Ubuntu* 22.04.4 LTS                      | Ubuntu* 22.04.4 LTS                       | Ubuntu* 22.04.4 LTS                          |
| Kernel version                            | 6.5.0-41-generic                      | 6.5.0-35-generic                         | 6.5.0-41-generic                          | 6.5.0-41-generic                             |
| BIOS Vendor                               | American Megatrends Inc.              | Intel Corporation                        | Intel Corporation                         | Intel Corporation                            |
| BIOS Version                              | Z667AR10                              | TNTGLV57.9026.2020.0916.1340             | SBRPL579.0053.2022.1125.0101              | SBRPL579.0053.2022.1125.0101                 |
| BIOS Release                              | 7/15/2020                             | 9/16/2020                                | 11/25/2022                                | 11/25/2022                                   |
| Batch size                                | 1                                     | 1  | 1   | 1  |
| Precision                                 | INT8/FP32                             | INT8/FP16/FP32                           | INT8/FP32                                 | INT8/FP32                                    |
| Number of concurrent inference requests   | 10                                    | 4  | 14  | 24   |
| Test Date                                 | 9/6/2024                              | 9/6/2024                                 | 9/6/2024                                  | 9/6/2024                                     |
| Power dissipation/socket,<br>TDP in Watt  | <u>35</u>                             | <u>28</u>                                | <u>125</u>                                | <u>125</u>                                   |
| CPU Price on 9/6/2024,<br>Prices may vary | <u>\$488</u>                          | <u>\$426</u>                             | <u>\$329</u>                              | <u>\$599</u>                                 |

| CPU Inference Engines:                    | ADL-P                        | MTL-H   | RPL-P                        | TGL-UP3                                   |
|---|------------------------------|---|------------------------------|---|
| Motherboard                               | NUC 12SNKi72                 | Intel Corporation CRB (Reef Ridge + Astral peak | NUC 13ANKi7                  | lel B622                                  |
| CPU                                       | Intel® Core™ i7-12700H       | Intel® Core™Ultra 7-165H                        | Intel® Core™ i7-1360P        | 11th Gen Intel® Core™ i7-1185GRE @ 2.8GHz |
| Hyper Threading                           | on                           | on  | on                           | on  |
| Turbo Setting                             | on                           | on  | on                           | on  |
| Memory                                    | 2 x 8 GB DDR4 3200MHz        | 2 x 16 GB DDR5 5600MHz                          | 2 x 8 GB DDR4 3200MHz        | 1 x 16 GB DDR4 3200MHz                    |
| Operating System                          | Ubuntu* 22.04.4 LTS          | Windows 11                                      | Ubuntu* 22.04.4 LTS          | Ubuntu* 22.04.4 LTS                       |
| Kernel version                            | 6.5.0-27-generic             | 10.0.22631 Build 22631                          | 6.5.0-41-generic             | 6.5.0-41-generic                          |
| BIOS Vendor                               | Intel Corporation            | Intel Corporation                               | Intel Corporation            | Intel Corporation                         |
| BIOS Version                              | SNADL357.0056.2022.1102.1218 | MTLPEMI1.R00.3471.D56.2403181159                | ANRPL357.0027.2023.0607.1754 | B622AR02.BIN                              |
| BIOS Release                              | 11/2/2023                    | 3/18/2024                                       | 6/7/2023                     | 9/29/2021                                 |
| Batch size                                | 1                            | 1   | 1                            | 1   |
| Precision                                 | INT8/FP16/FP32               | INT8/FP32                                       | INT8/FP16/FP32               | INT8/FP16/FP32                            |
| Number of concurrent inference requests   | 14                           | 20  | 12                           | 4   |
| Test Date                                 | 9/6/2024                     | 9/6/2024  | 9/6/2024                     | 9/6/2024                                  |
| Power dissipation/socket,<br>TDP in Watt  | <u>45</u>                    | <u>28</u>                                       | 28                           | <u>15</u>                                 |
| CPU Price on 9/6/2024,<br>Prices may vary | <u>\$502</u>                 | <u>\$460</u>                                    | <u>\$480</u>                 | <u>\$490</u>                              |

| CPU Inference Engines:                    | ADL-P                     | RPL-P                          | RPL-P                          | MTL-H                            |
|---|---------------------------|--------------------------------|--------------------------------|----------------------------------|
| Motherboard                               | Partaker                  | Giga-computing, GB-BRi5HS-1335 | Giga-computing, GB-BRi7HS-1355 | Lenovo, LNVNB161216              |
| CPU                                       | Intel® Core™ i5-1235U     | Intel® Core™ i5-1335U          | Intel® Core™ i7-1355U          | Intel® Core Ultra 155H @ 1.4 GHz |
| Hyper Threading                           | on                        | on                             | on                             | on                               |
| Turbo Setting                             | on                        | on                             | on                             | on                               |
| Memory                                    | 1 x 32 GB DDR4 @ 2666 MHz | 2 x 16 GB DDR4 @ 3200MT/s      | 2 x 16 GB DDR4 @ 3200MT/s      | 2 x 16 GB LPDDR5 @ 7467 MHz.     |
| Operating System                          | UB-22.04.4 LTS            | UB-22.04.4 LTS                 | UB-22.04.4 LTS                 | Windows 11, 23H2                 |
| Kernel version                            | 6.8.0-40-generic          | 6.8.0-40-generic               | 6.8.0-40-generic               | 22631.4169                       |
| BIOS Vendor                               | AMI                       | АМІ                            | АМІ                            | Lenovo                           |
| BIOS Version                              | 5.27                      | F03                            | F03                            | NPCN27WW                         |
| BIOS Release                              | 2/22/2023                 | 4/27/2023                      | 4/27/2023                      | 3/27/2024                        |
| Batch size                                | 1                         | 1                              | 1                              | 1                                |
| Precision                                 | INT8/FP16/FP32            | INT8/FP16/FP32                 | INT8/FP16/FP32                 | INT8/FP16/FP32                   |
| Number of concurrent inference requests   | 10                        | 10                             | 10                             | 14                               |
| Test Date                                 | 9/6/2024                  | 9/6/2024                       | 9/6/2024                       | 9/6/2024                         |
| Power dissipation/socket,<br>TDP in Watt  | <u>15</u>                 | <u>15</u>                      | <u>15</u>                      | <u>28</u>                        |
| CPU Price on 9/6/2024,<br>Prices may vary | <u>\$340</u>              | <u>\$340</u>                   | <u>\$469</u>                   | <u>\$503</u>                     |

| GPU Inference Engines:                  | Data Center GPU                           | Data Center GPU                      | Intel® Dedicated Graphics Family GPU |
|---|---|--------------------------------------|--------------------------------------|
| GPU                                     | Flex-140                                  | Flex-170                             | ARC™ 770M                            |
| Connection                              | PCIe G4, 1x16                             | PCIe G4, 1x16                        | PCIe G4, 1x16                        |
| Batch size                              | 1   | 1                                    | 1                                    |
| Precision                               | FP16, INT8                                | FP16, INT8                           | FP16, INT8                           |
| Number of concurrent inference requests | Automatic                                 | Automatic                            | Automatic                            |
| Memory                                  | 12 GB DDR6, 336 GB/s                      | 16 GB DDR6, 576 GB/s                 | 16 GB DDR6, 512 GB/s                 |
| HPC & AI                                | FP32, FP16, BF16, INT8, INT4              | FP32, FP16, BF16, INT8, INT4         | FP32, FP16, BF16, INT8, INT4         |
| Form Factor                             | 3/4L Full Heigth, Passively cooled        | 3/4L Full Heigth, Passively cooled   | 3/4L Full Heigth, Passively cooled   |
| X <sup>e</sup> cores                    | 16  | 32                                   | 32                                   |
| EUs                                     | 256                                       | 512                                  | 512                                  |
| Device ID                               | 8086-56C0                                 | 8086-56C0                            | 8086-5690                            |
| Test Date                               | 9/6/2024                                  | 9/6/2024                             | 9/6/2024                             |
| TDP                                     | <u>75W</u>                                | <u>150 W</u>                         | <u>150 W</u>                         |
| Host Machine                            | Xeon® Platinum 8490H                      | Xeon® gold 6348                      | Core™ i7-12700H, Serpent Canyon      |
| Motherboard                             | Intel corp Archer City                    | Intel corp M50CYP2SBSTD              | Intel corp NUC 12SNKi72              |
| CPU                                     | Intel® Xeon® Platinum 8490H CPU @ 1.90GHz | Intel® Xeon® Gold 6348 CPU @ 2.60GHz | Intel® Core™ i7-12700H CPU @ 2.30GHz |
| Hyper Threading                         | on  | on                                   | on                                   |
| Turbo Setting                           | on  | on                                   | on                                   |

| Memory  | 16 x 16 GB DDR5 4800MHz                    | 16 x 16 GB DDR4 3200MHz           | 2 x 8 GB DDR4 3200MHz        |
|---|--|-----------------------------------|------------------------------|
| Operating System                              | ng System Ubuntu* 22.04.4 LTS Ubuntu 22.10 |                                   | Ubuntu* 22.04.4 LTS          |
| Kernel version                                | 6.2.0-36-generic                           | 5.19.0-46-generic                 | 6.5.0-41-generic             |
| BIOS Vendor                                   | Intel Corporation                          | Intel Corporation                 | Intel Corporation            |
| BIOS Version EGSDREL1.SYS.9409.P31.2302280828 |  | SE5C620.86B.01.01.0007.2210270543 | SNADL357.0056.2022.1102.1218 |
| BIOS Release                                  | BIOS Release 2/28/2023                     |                                   | 11/2/2022                    |

| OpenVINO™ Model Server Platform with Intel® Xeon® Platinum 8260M |   |   | OpenVINO™ Model Server Platform with Intel® Xeon® Gold 6238 |   |
|--|---|---|---|---|
|  | Server Platform                           | Client Platform                         | Server Platform   | Client Platform                           |
| Motherboard  | Inspur YZMB-00882-104 NF5280M5            | Intel® Server Board S2600WF R2224WFTZSR | Inspur, NF5280M5, MB: YZMB-00882-104                        | Inspur YZMB-00882-104 NF5280M5            |
| Memory   | Samsung 16 x 16GB @ 2666 MT/s DDR4        | Hynix 16 x 16GB @ 2933 MT/s DDR4        | Kingston 16 x 16GB @ 2933 MT/s DDR4                         | Samsung 16 x 16GB @ 2666 MT/s DDR4        |
| CPU  | Intel® Xeon® Platinum 8260M CPU @ 2.40GHz | Intel® Xeon® Gold 6252 CPU @ 2.10GHz    | Intel(R) Xeon(R) Gold 6238M CPU @ 2.10GHz                   | Intel® Xeon® Platinum 8260M CPU @ 2.40GHz |
| Selected CPU Flags   | Hyper Threading, Turbo Boost, DL Boost    | Hyper Threading, Turbo Boost, DL Boost  | Hyper Threading, Turbo Boost, DL Boost                      | Hyper Threading, Turbo Boost, DL Boost    |
| CPU Thermal Design Power   | 162 W                                     | 150 W                                   | 140W  | 162 W                                     |
| Operating System   | Ubuntu 22.04.4 LTS                        | Ubuntu 22.04.4 LTS                      | Ubuntu 22.04.4 LTS  | Ubuntu 22.04.4 LTS                        |
| Kernel Version   | 6.2.0-060200-generic                      | 6.2.0-060200-generic                    | 6.5.10-060510-generic                                       | 6.2.0-060200-generic                      |
| BIOS Vendor  | American Megatrends Inc.                  | Intel® Corporation                      | American Megatrends Inc.                                    | American Megatrends Inc.                  |
| BIOS Version & Release   | 4.1.16, date: 06/23/2020                  | SE5C620.86B.02.01, date: 03/26/2020     | 4.1.16, 06/23/2020  | 4.1.16, date: 06/23/2020                  |
| Docker Version   | 20.10.3                                   | 20.10.3                                 | 20.10.3   | 20.10.3                                   |
| Network Speed  |   | 40 Gb/s                                 | 4   | 0 Gb/s                                    |

| OpenVINO™ Model Server Platform with Intel® Core™ i9-11900K |  |                                     | OpenVINO™ Model Server F             | Platform with Intel® Core™ i7-11700K   |
|---|--|-------------------------------------|--------------------------------------|--|
|   | Server Platform                        | Client Platform                     | Server Platform                      | Client Platform                        |
| Motherboard   | Wortman AG, Gigabyte Technology Z590M  | ASUSTeK COMPUTER INC. PRIME Z590-P  | ASUSTeK COMPUTER INC. PRIME Z590-P   | Wortman AG, Gigabyte Technology Z590M  |
| Memory  | Samsung 4 x 32GB @ 3200 MT/s DDR4      | Kingston 2 x 32GB @ 2400 MT/s DDR4  | Kingston 2 x 32GB @ 2400 MT/s DDR4   | Samsung 4 x 32GB @ 3200 MT/s DDR4      |
| CPU   | Intel® Core™ i9-11900K CPU @ 3.50GHz   | Intel® Core™ i3-10100 CPU @ 3.60GHz | Intel® Core™ i7-11700K CPU @ 3.60GHz | Intel® Core™ i9-11900K CPU @ 3.50GHz   |
| Selected CPU Flags  | Hyper Threading, Turbo Boost, DL Boost | -                                   | Hyper Threading, Turbo Boost         | Hyper Threading, Turbo Boost, DL Boost |
| CPU Thermal Design Power                                    | 125 W                                  | 65 W                                | 125W                                 | 125 W                                  |
| Operating System  | Ubuntu 22.04.4 LTS                     | Ubuntu 22.04.4 LTS                  | Ubuntu 22.04.4 LTS                   | Ubuntu 22.04.4 LTS                     |
| Kernel Version  | 6.5.10-060510-generic                  | 6.5.10-060510-generic               | 6.8.0-40-generic                     | 6.5.10-060510-generic                  |
| BIOS Vendor   | American Megatrends Inc.               | American Megatrends Inc.            | American Megatrends Inc.             | American Megatrends Inc.               |
| BIOS Version and Release Date                               | F7C, date: 08/04/2022                  | 0407, date: 01/14/2021              | 1017, date: 07/12/2021               | F7C, date: 08/04/2022                  |
| Docker Version  | 19.03.13                               | 20.10.0                             | 19.03.14                             | 19.03.13                               |
| Network Speed   | 10 Gb/s                                |                                     | 10 Gb/s                              |  |

| OpenVINO™ Model Server Platform with Intel® Core™ i3-10100 |                                     |                                      |
|--|-------------------------------------|--------------------------------------|
|  | Server Platform                     | Client Platform                      |
| Motherboard  | ASUSTeK COMPUTER INC. PRIME Z590-P  | ASUSTeK COMPUTER INC. PRIME Z590-P   |
| Memory   | Kingston 2 x 32GB @ 2400 MT/s DDR4  | Kingston 2 x 32GB @ 2400 MT/s DDR4   |
| CPU  | Intel® Core™ i3-10100 CPU @ 3.60GHz | Intel® Core™ i7-11700K CPU @ 3.60GHz |
| Selected CPU Flags   | -                                   | Hyper Threading, Turbo Boost         |
| CPU Thermal Design Power                                   | 65 W                                | 125W                                 |
| Operating System   | Ubuntu 22.04.4 LTS                  | Ubuntu 22.04.4 LTS                   |
| Kernel Version   | 6.5.10-060510-generic               | 6.8.0-40-generic                     |
| BIOS Vendor  | American Megatrends Inc.            | American Megatrends Inc.             |
| BIOS Version and Release Date                              | 0407, date: 01/14/2021              | 1017, date: 07/12/2021               |
| Docker Version   | 20.10.0                             | 19.03.14                             |
| Network Speed  |                                     | 10 Gb/s                              |