



**NX-1000 SERIES**

| Per Node (4 per Block) |  |
|------------------------|--|
| Model                  | <b>NX-1065-G6</b> (Configure to Order)    |
| Server Compute*        | Dual Intel Skylake: Silver 4108 [8 cores / 1.8 GHz], Silver 4114 [10 cores / 2.2 GHz]  |
| Storage Capacity       | <b>HYBRID</b>  |
|                        | 1x SSD: [960 GB or 1.92 TB], 2x HDD: [2 TB, 4 TB, 6 TB]<br>2x M.2 Boot [240 GB]  |
| Memory                 | 128 GB, 192 GB, 256 GB, 384 GB   |
| Network Connections    | LOM: 2x 10GbBase-T, 1x 1GbE IPMI<br>Add-on: 1x Dual-Port 10GbE SFP+ or 1x Quad-Port 10GbE SFP+<br>or 1x Dual-Port 10GbBase-T |
| Certifications         | CSAus, FCC, CSA, ICES, CE, KCC, RCM, VCCI-A, BSMI, EAC, SABS, INMETRO, S-MARK, UKRSEPRO, BIS                                 |

| Per Block                             |  |
|---------------------------------------|--|
| Dimensions                            | Height: 3.46" (88mm), Width: 18.98" (482mm), Depth: 33.27" (845mm)<br>Rack Units: 2U   |
| Weight                                | 93 lbs. (42.18kg) stand-alone,<br>130.1 lbs. (59kg) package, 7.1 lbs (3.2kg) node  |
| System Cooling                        | 4x80mm heavy duty fans with PWM fan speed controls   |
| Operating Environment                 | Op Temp Rng: 50°-95°F (10°-35°C)<br>Non-Op Temp Rng: -40°-158°F (-40°- 70°C)<br>Op Humidity Rng (non-condensing): 20-95%<br>Non-Op Humidity Rng: 5-95% |
| Power Consumption                     | 1519W maximum, 968W typical  |
| Power Supply<br>(Dual Supply / Block) | 2.2kW Output @ 220V-240V, 10A-9.8A, 50-60Hz;<br>1.2kW Output @ 100V-127V, 14A-11A, 50-60Hz   |
| Thermal Dissipation                   | 5184 BTU/hr maximum, 3302 BTU/hr typical   |
| Operating Requirements                | Input Voltage: 100-240V AC auto-range, Input Frequency: 50-60Hz  |

\* number of cores per CPU socket


**NX-1000 SERIES** (cont.)

| Per Node (4 per Block)     |  |
|----------------------------|--|
| <b>Model</b>               | <b>NX-1065-G5</b> (Configure to Order)                      |
| <b>Server Compute*</b>     | Dual Intel Broadwell: E5-2620v4 [8 cores / 2.1 GHz], E5-2640v4 [10 cores / 2.4 GHz]  |
| <b>Storage Capacity</b>    | <b>HYBRID</b>  |
|                            | 1x SSD: [480 GB, 960 GB or 1.92 TB]<br>2x HDD: [2 TB, 4 TB, 6 TB or 8 TB]  |
| <b>Memory</b>              | <b>ALL FLASH †</b>   |
|                            | 3x SSD: [480 GB, 960 GB, 1.92 TB or 3.84 TB]   |
| <b>Memory</b>              | 64 GB, 96 GB, 128 GB, 192 GB, 256 GB, 384 GB, 512 GB or 1 TB   |
| <b>Network Connections</b> | LOM: 2x 1GbE, 1x 1GbE IPMI<br>Add-on: 1x Dual-Port 10GbE SFP+ or 1x Quad-Port 10GbE SFP+<br>or 1x Dual-Port 10GBase-T or 1x Dual-Port 1GBase-T |
| <b>Certifications</b>      | CSAus, FCC, CSA, ICES, CE, KCC, RCM, VCCI-A, BSMI, EAC, SABS, INMETRO, S-MARK, UKRSEPRO, BIS   |

| Per Block                                    |  |
|--|--|
| <b>Dimensions</b>                            | Height: 3.46" (88mm), Width: 18.98" (482mm), Depth: 33.27" (845mm)<br>Rack Units: 2U   |
| <b>Weight</b>                                | 90 lbs. (40.8kg) stand-alone,<br>105 lbs. (47.6kg) package, 7 lbs (3.2kg) node   |
| <b>System Cooling</b>                        | 4x80mm heavy duty fans with PWM fan speed controls   |
| <b>Operating Environment</b>                 | Op Temp Rng: 50°-95°F (10°-35°C)<br>Non-Op Temp Rng: -40°-158°F (-40°- 70°C)<br>Op Humidity Rng (non-condensing): 20-95%<br>Non-Op Humidity Rng: 5-95% |
| <b>Power Consumption</b>                     | 1393W maximum, 907W typical  |
| <b>Power Supply</b><br>(Dual Supply / Block) | 1.1kW Out @100-120V, 12.7-10.5A, 50-60Hz;<br>2.0kW Out @200-240V, 10.0-9.8A, 50-60Hz;<br>80PLUS TITANIUM   |
| <b>Thermal Dissipation</b>                   | 4755 BTU/hr maximum, 3094 BTU/hr typical   |
| <b>Operating Requirements</b>                | Input Voltage: 100-240V AC auto-range, Input Frequency: 50-60Hz  |


\* number of cores per CPU socket

**NX-1000 SERIES** (cont.)

| Per Node (4 per Block)     |   |
|----------------------------|---|
| <b>Model</b>               | <b>NX-1065S-G5</b> (Configure to Order)  |
| <b>Server Compute</b>      | Single Intel Broadwell: E5-2609v4 [8 cores / 1.7 GHz], E5-2620v4 [8 cores / 2.1 GHz], E5-2650v4 [12 cores / 2.2 GHz]        |
| <b>Storage Capacity</b>    | <b>HYBRID</b>   |
|                            | 1x SSD: [480 GB, 960 GB or 1.92 TB]<br>2x HDD: [2 TB, 4 TB, 6 TB or 8 TB]   |
|                            | <b>ALL FLASH <sup>f</sup></b>   |
|                            | 3x SSD [480 GB, 960 GB, 1.92TB, 3.84 TB]  |
| <b>Memory</b>              | 64 GB, 96 GB, 128 GB, 256 GB  |
| <b>Network Connections</b> | 2x 1GbE, 1x 1GbE IPMI   |
| <b>Certifications</b>      | CSAus, FCC, CSA, ICES, CE, KCC, RCM, VCCI-A, BSMI, EAC, SABS, INMETRO, S-MARK, UKRSEPRO, BIS                                |

| Per Block                                    |  |
|--|--|
| <b>Dimensions</b>                            | Height: 3.46" (88mm), Width: 18.98" (482mm), Depth: 33.27" (845mm)   |
| <b>Weight</b>                                | 66.45 lbs. (30.1kg) stand-alone,<br>90.15 lbs. (40.9kg) package, 5.25 lbs (2.4kg) node   |
| <b>System Cooling</b>                        | 4x80mm heavy duty fans with PWM fan speed controls   |
| <b>Operating Environment</b>                 | Op Temp Rng: 50°-95°F (10°-35°C)<br>Non-Op Temp Rng: -40°-158°F (-40°- 70°C)<br>Op Humidity Rng (non-condensing): 20-95%<br>Non-Op Humidity Rng: 5-95% |
| <b>Power Consumption</b>                     | 1160W maximum, 812W typical  |
| <b>Power Supply</b><br>(Dual Supply / Block) | 1.0kW Out @100-120V, 12.0-10.0A, 50-60Hz;<br>1.6kW Out @180-240V, 10.5-8.0A, 50-60Hz; 80PLUS TITANIUM  |
| <b>Thermal Dissipation</b>                   | 3958 BTU/hr maximum, 2770 BTU/hr typical   |
| <b>Operating Requirements</b>                | Input Voltage: 100-240V AC auto-range, Input Frequency: 50-60Hz  |


**NX-1000 SERIES** (cont.)

| Per Node (1 per Block) |   |
|------------------------|---|
| Model                  | <b>NX-1155-G5</b> (Configure to Order)             |
| Server Compute*        | Dual Intel Broadwell: E5-2620v4 [8 cores / 2.1 GHz]   |
| Storage Capacity       | HYBRID  |
|                        | 2x SSD: [960 GB]<br>4x, 6x, 8x, 10x HDD: [4 TB] or 8x, 10x HDD: [6 TB]  |
| Storage Capacity       | ALL FLASH †   |
|                        | 4x, 6x, 8x, 10x, or 12x SSD: [960 GB or 1.92 TB]  |
| Memory                 | 64GB RAM  |
| Network Connections    | 1x 1GbE IPMI, 1x Dual-Port 1GbE, 1x Dual-Port 1GbE LOM,<br>Add-on: 1x Dual-Port 10Gb SFP+ or 1x Dual 10GBase-T or Quad-Port 10Gb SFP+ |
| Certifications         | CSAus, FCC, CSA, ICES, CE, KCC, RCM, VCCI-A, BSMI, EAC, SABS,<br>INMETRO, S-MARK, UKRSEPRO, BIS                                       |

| Per Block                             |  |
|---------------------------------------|--|
| Dimensions                            | Height: 3.46" (88mm), Width: 19.25" (489mm), Depth: 31.22" (793mm)<br>Rack Units: 2U   |
| Weight                                | 56 lbs. (25.40kg) stand-alone,<br>73.10 lbs. (33.16kg) package   |
| System Cooling                        | 4x80mm heavy duty fans with PWM fan speed controls   |
| Operating Environment                 | Op Temp Rng: 50°-95°F (10°-35°C);<br>Non-Op Temp Rng: -40°-140°F (-40°- 60°C);<br>Op Humidity Rng (non-condensing): 8-95%;<br>Non-Op Humidity Rng: 5-95% |
| Power Consumption                     | 659W maximum power, 625W typical   |
| Power Supply<br>(Dual Supply / Block) | 0.8kW Out @100-127V, 9.8-7.0A, 50-60Hz;<br>1.0kW Out @200-240V, 7.0-5.0A, 50-60Hz;<br>80PLUS TITANIUM  |
| Thermal Dissipation                   | 2248.6 BTU/hr maximum, 2132.6 BTU/hr typical   |
| Operating Requirements                | Input Voltage: 100-240V AC auto-range, Input Frequency: 50-60Hz  |

\* number of cores per CPU socket

**NX-1000 SERIES** (cont.)

|                            | Per Node (1 per Block)  |   |
|----------------------------|---|---|
| <b>Model</b>               | <b>NX-1175S-G5</b> (Configure to Order)  |   |
| <b>Server Compute</b>      | Single Intel Broadwell: E5-2620v4 [8 cores / 2.1 GHz], E5-2650v4 [12 cores / 2.2 GHz]                                       |   |
| <b>Storage Capacity</b>    | <b>HYBRID</b>   | <b>ALL FLASH</b> †                      |
|                            | 2x SSD: [480 GB, 960 GB, 1.92 TB or 3.84 TB]<br>2x HDD: [2 TB, 4 TB or 6 TB]  | 2x, 4x SSD: [480 GB, 960 GB or 1.92 TB] |
| <b>Memory</b>              | 64 GB, 96 GB, 128 GB, 256 GB  |   |
| <b>Network Connections</b> | 2x 1GbE, 1x 1GbE IPMI<br>Add-on: 1x Dual-Port 1GbE or 1x Dual-Port 10GBase-T or 1x Dual or Quad-Port 10GbE SFP+             |   |
| <b>Certifications</b>      | CSAus, FCC, CSA, ICES, CE, KCC, RCM, VCCI-A, BSMI, EAC, SABS, INMETRO, S-MARK, UKRSEPRO, BIS                                |   |

|  | Per Block   |
|--|---|
| <b>Dimensions</b>                            | Height: 1.7" (43mm), Width: 19.05" (484mm), Depth: 25.60" (650mm)   |
| <b>Weight</b>                                | 31.90 lbs. (14.46kg) stand-alone,<br>90.15 lbs. (40.9kg) package, 5.25 lbs (2.4kg) node   |
| <b>System Cooling</b>                        | 5x80mm heavy duty fans with PWM fan speed controls  |
| <b>Operating Environment</b>                 | Op Temp Rng: 50°-95°F (10°-35°C)<br>Non-Op Temp Rng: -40°-158°F (-40°- 70°C)<br>Op Humidity Rng (non-condensing): 20-95%<br>Non-Op Humidity Rng (non-condensing): 5-95% |
| <b>Power Consumption</b>                     | 260W maximum, 200W typical  |
| <b>Power Supply</b><br>(Dual Supply / Block) | 500W Out @100-120V, 6.1-2.6A, 50-60Hz;<br>80PLUS TITANIUM   |
| <b>Thermal Dissipation</b>                   | 690 BTU/hr maximum, 680 BTU/hr typical  |
| <b>Operating Requirements</b>                | Input Voltage: 100-240V AC auto-range, Input Frequency: 50-60Hz   |