



# RS-102AT

1U Rack Mount Computer

## Features

- Intel Core i7-6700T CPU
- Supports Up To 32GB DDR4 SO-DIMM
- 2 x Removable 3.5" Hard Drive Caddy
- CD-Drive
- 2 x RS-232/422/485
- 2 x USB 2.0, 4 x USB 3.0

## Specifications

| Model Name                  | RS-102AT                                             |                                                      |
|-----------------------------|------------------------------------------------------|------------------------------------------------------|
|                             | H01                                                  | J01                                                  |
| <b>System</b>               |                                                      |                                                      |
| CPU                         | Intel i7-6700T Processor                             | Intel i7-6700T Processor                             |
| Chipset                     | Skylake                                              | Comet Lake                                           |
| Memory                      | Up to 32GB DDR4 SODIMM                               | Up to 64GB DDR4 SODIMM                               |
| Video Controller            | Intel® Gen9 Intel® Graphics                          | Intel® Gen9 Intel® Graphics                          |
| Video Interface             | DVI, HDMI, DP. *Supports triple displays             | DVI, HDMI, DP. *Supports triple displays             |
| Storage Option              | Up to 2 x 3.5" SATA HDD                              | Up to 2 x 3.5" SATA HDD                              |
| Compact Flash               | N/A                                                  | N/A                                                  |
| Keyboard/Mouse              | Combo PS/2 Connectors, USB                           | Combo PS/2 Connectors, USB                           |
| Audio                       | N/A                                                  | N/A                                                  |
| Watchdog Timer              | N/A                                                  | N/A                                                  |
| Expansion Slot              | 1 x PCIe x16                                         | 1 x PCIe x16                                         |
| <b>I/O Communication</b>    |                                                      |                                                      |
| USB Port                    | 2 x USB 2.0, 4 x USB 3.0                             | 2 x USB 2.0, 4 x USB 3.0                             |
| Serial Port                 | 2 x RS-232/422/485                                   | 2 x RS-232/422/485                                   |
| IEEE 1394                   | N/A                                                  | N/A                                                  |
| LAN                         | Dual Gigabit LAN                                     | Dual Gigabit LAN                                     |
| Parallel                    | N/A                                                  | N/A                                                  |
| <b>OS Support</b>           |                                                      |                                                      |
| OS Support                  | Win 7, Win 10                                        | Win10, Win 11                                        |
| <b>Power/Thermal Specs</b>  |                                                      |                                                      |
| Power Requirement (Max)     | 110VAC / 1.88A, 220VAC / 0.94A                       | 110VAC / 1.88A, 220VAC / 0.94A                       |
| Power Consumption (Max)     | 207 W                                                | 207 W                                                |
| Recommended Power Supply    | 295 W                                                | 295 W                                                |
| Heat Dissipation            | 705 BTU/hr                                           | 705 BTU/hr                                           |
| <b>Physical Information</b> |                                                      |                                                      |
| Mounting                    | Rack Mount                                           | Rack Mount                                           |
| Net Weight                  | 45 lbs / 20 Kg                                       | 45 lbs / 20 Kg                                       |
| Dimension (W x H x D)       | 19.02 x 1.71 x 19.13 inch<br>483.1 x 43.4 x 485.8 mm | 19.02 x 1.71 x 19.13 inch<br>483.1 x 43.4 x 485.8 mm |
| <b>Environmental</b>        |                                                      |                                                      |
| Operating Temp              | 0°C to 50°C (32°F to 122°F)                          | 0°C to 50°C (32°F to 122°F)                          |
| Storage Temp                | -20°C to 60°C (-4°F to 140°F)                        | -20°C to 60°C (-4°F to 140°F)                        |
| Humidity                    | 0% to 95% (non-condensing)                           | 0% to 95% (non-condensing)                           |
| <b>Compliance</b>           |                                                      |                                                      |
| IP/NEMA Rating              | N/A                                                  | N/A                                                  |
| Certification               | N/A                                                  | N/A                                                  |

## Ordering Information

| Item         | RS-102AT-H01-011   | RS-102AT-H01-051   |
|--------------|--------------------|--------------------|
| CPU          | Intel i7-6700T CPU | Intel i7-6700T CPU |
| Memory       | 32GB DDR4          | 32GB DDR4          |
| RAID         | N/A                | Yes                |
| Storage      | 3.5" SATA HDD      | Dual 3.5" SATA HDD |
| Remote Boot  | N/A                | N/A                |
| Power Supply | 110/220VAC Input   | 110/220VAC Input   |

| Item         | RS-102AT-J01-001      | RS-102AT-J01-011      |
|--------------|-----------------------|-----------------------|
| CPU          | Intel i7-10700T CPU   | Intel i7-10700T CPU   |
| Memory       | 32GB DDR4             | 64GB DDR4             |
| RAID         | N/A                   | Yes                   |
| Storage      | 1 X 3.5" SATA HDD 1TB | 1 X 3.5" SATA HDD 1TB |
| Remote Boot  | N/A                   | N/A                   |
| Power Supply | 110/220VAC Input      | 110/220VAC Input      |

| Item         | RS-102AT-J01-041       | RS-102AT-J01-051       |
|--------------|------------------------|------------------------|
| CPU          | Intel i7-10700T CPU    | Intel i7-10700T CPU    |
| Memory       | 32GB DDR4              | 64GB DDR4              |
| RAID         | RAID-1                 | RAID-1                 |
| Storage      | Dual 3.5" SATA HDD 1TB | Dual 3.5" SATA HDD 1TB |
| Remote Boot  | N/A                    | N/A                    |
| Power Supply | 110/220VAC Input       | 110/220VAC Input       |

| Item         | RS-102AT-J01-081      | RS-102AT-J01-0A1       |
|--------------|-----------------------|------------------------|
| CPU          | Intel i7-10700T CPU   | Intel i7-10700T CPU    |
| Memory       | 64GB DDR4             | 64GB DDR4              |
| RAID         | N/A                   | RAID-1                 |
| Storage      | 1 X 3.5" SATA HDD 2TB | Dual 3.5" SATA HDD 2TB |
| Remote Boot  | N/A                   | N/A                    |
| Power Supply | 110/220VAC Input      | 110/220VAC Input       |