

# Mobile Workstations in Pharmaceutical Cleanrooms



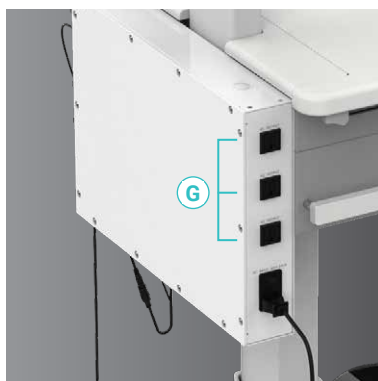
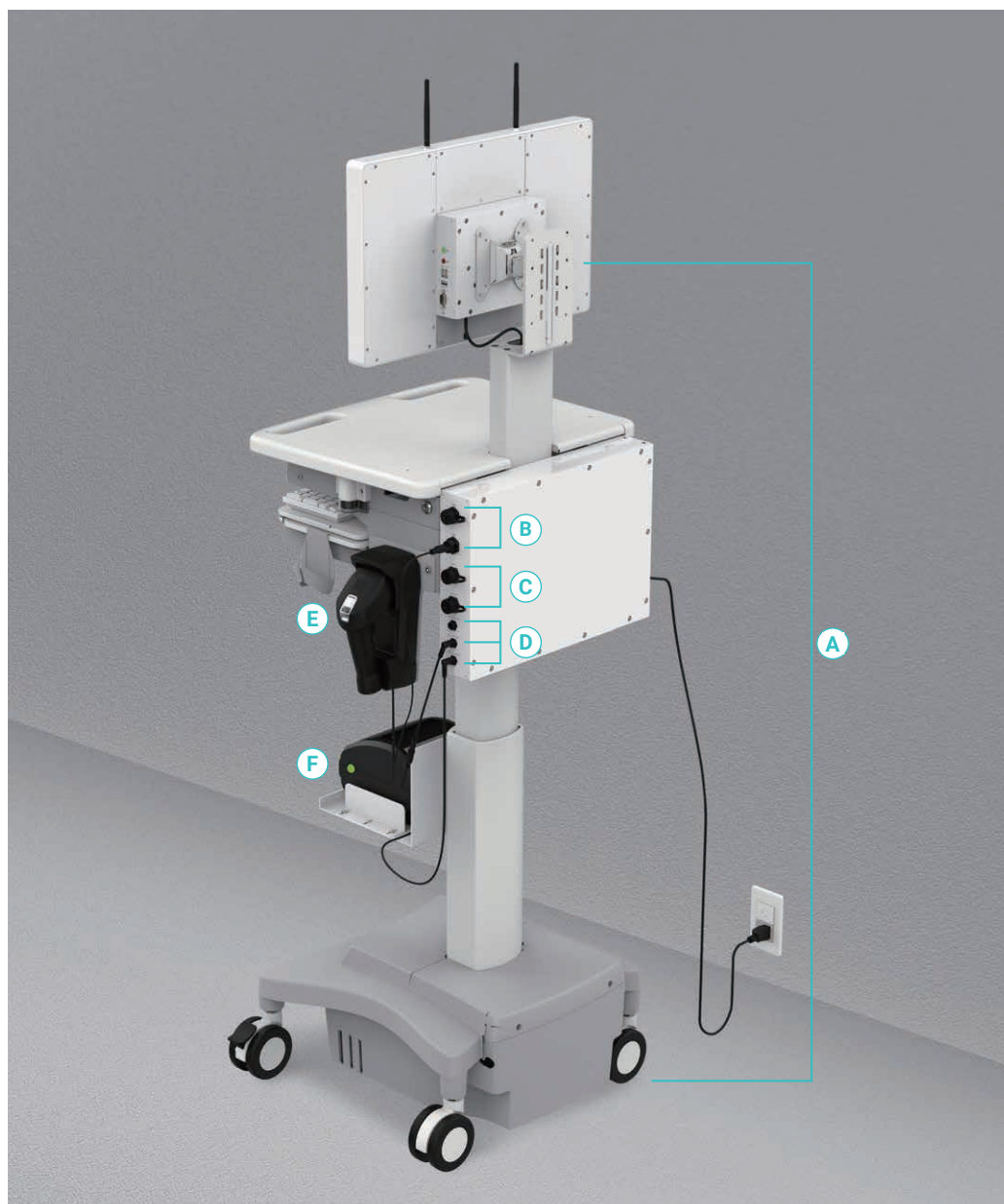


## AMW-101 / AMW-102

The AMW-101/102 group is designed for grade C and D cleanrooms in pharmaceutical manufacturing where the activities of cleaning of equipment, handling of components, equipment, and accessories after washing, assembly of cleaned components, equipment, and accessories before sterilization take place.

It supports up to 2 wired LAN and Wi-Fi network connectivity, and an optional battery provides power while it is on the move. Each unit can do everything a stationary system can do while remaining mobile, which reduces both infrastructure cost and deployment complexity over a desk-based system.





**A** Adjustable Height 50~62"

**B** USB

**C** LAN

**D** DC Power Supply

**E** Optional Holder for Charging Cradle

**F** Optional Holder for Barcode Label Printer

**G** AC Power Outlets

**H** The sliding trays for a Keyboard and a mouse

**I** Mouse Holder



- Ⓐ Computer Power On / Off Switch
- Ⓑ Battery Charge / Discharge Controller
- Ⓒ Low Battery Level Warning
- Ⓓ Keyboard / Mouse Switch for dual computers configuration
- Ⓔ Two USB Ports
- Ⓕ Wired LAN Port
- Ⓖ Barcode Scanner Holder
- Ⓗ Barcode Label Printer Shelf
- Ⓘ Optional WIFI
- Ⓙ NFC Reader



## AMW-3224AX

Mobile workstations are increasingly popular in pharmaceutical manufacturing environments because they enable rapid and easy re-organization of the work environment and process flow. One mobile workstation can replace multiple fixed workstations, and there are no installation costs. Wireless connections allow for direct communication with manufacturing execution systems, electronic batch records (EBR), SOP, ERP, and other back-end systems.

Mobile solutions also eliminate the need for operators to walk back and forth from fixed workstations to scan or print barcode labels. Some estimates suggest mobile workstations can reduce wasted time and interruptions in workflow by 25% or more.





## AMW-2224AX

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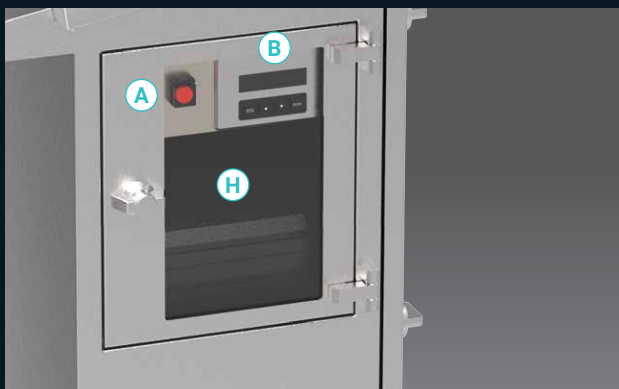
Arista has solved the problem with the introduction of a truly mobile workstation series — the AMW Series, an advanced, wireless, mobile system that is powered by a high capacity heavy-duty battery allowing the mobile workstation to function seamlessly and in an uninterrupted fashion while in motion from point A to point B. That's full functionality throughout the process without the need for hard-wired access to power and communication sources. The Arista AMW Series has an internal heavy duty, long-lasting battery that makes it completely mobile with no cables to be disconnected, managed, and reconnected and with no break in any live and/or critical connections to reestablish, saving time and significantly increasing workplace productivity.





- Ⓐ Computer Power On / Off Switch
- Ⓑ Battery Charge / Discharge Controller
- Ⓒ Low Battery Level Warning
- Ⓓ Keyboard / Mouse Switch for dual computers configuration
- Ⓔ Two USB Ports

- Ⓕ Wired LAN Port
- Ⓖ Barcode Scanner Holder
- Ⓗ Barcode Label Printer Shelf
- Ⓘ Optional WIFI
- ⓵ NFC Reader





## AMW-1321AX

- 21.5" Active Matrix TFT LCD Display
- Intel N200, i3-N305, i7-6600U CPU
- Up to 16GB DDR4 SO-DIMM
- WIFI 6E
- Battery Option
- NEMA 4X Stainless Steel Fully Closed Enclosure
- Waterproof Keyboard and Pointing Device
- ThinManager Ready Version Available





## AMW-1121AX

- 21.5" Active Matrix TFT LCD Display
- Intel N200, i3-N305, i7-6600U CPU
- Up to 16GB DDR4 DIMM SO-DIMM Memory
- WIFI 6E
- Battery Option
- Projected Capacitive Touchscreen
- NEMA 4X / IP66 Stainless Steel Fully Closed Enclosure
- Waterproof Keyboard and Pointing Device
- ThinManager Ready Version Available

### Option

A



Label Printer

B



1024Wh Lithium Battery

C



Barcode Scanner



# AMW-101

Industrial Wi-Fi Mobile Operator Workstation / Computing Cart



| Specifications             | AMW-101                                                    |                                                            |
|----------------------------|------------------------------------------------------------|------------------------------------------------------------|
|                            | K01                                                        | H01                                                        |
| LCD Display                |                                                            |                                                            |
| Display Size               | 21.5 inch                                                  | 21.5 inch                                                  |
| Max Resolution             | 1920 x 1080                                                | 1920 x 1080                                                |
| Backlight Lifetime         | 50,000 hours                                               | 50,000 hours                                               |
| Visual Characteristics     |                                                            |                                                            |
| Colors                     | 16.7 million                                               | 16.7 million                                               |
| Aspect Ratio               | 16:9                                                       | 16:9                                                       |
| Viewing Angle (V/H)        | 178° / 178°                                                | 178° / 178°                                                |
| Contrast Ratio             | 1000:1                                                     | 1000:1                                                     |
| Brightness                 | 250 nits                                                   | 250 nits                                                   |
| Touch Screen               |                                                            |                                                            |
| Technology                 | Projected Capacitive                                       | Projected Capacitive                                       |
| Interface                  | USB                                                        | USB                                                        |
| Driver                     | Windows 10, 11                                             | Windows 10, 11                                             |
| System                     |                                                            |                                                            |
| CPU                        | Intel N200/i3-N305 CPU                                     | Intel i7-6600U CPU                                         |
| Chipset                    | Alder Lake-N                                               | Skylake                                                    |
| Memory                     | Up to 16GB DDR4 SO-DIMM                                    | Up to 16GB DDR4 SO-DIMM                                    |
| Video Controller           | Intel UHD Graphics                                         | Intel HD Graphics 520                                      |
| External Video Output      | N/A                                                        | N/A                                                        |
| Storage Option             | 2.5" SATA SSD or M.2 NVMe SSD                              | 2.5" SSD                                                   |
| CFast                      | N/A                                                        | Optional                                                   |
| Audio                      | N/A                                                        | N/A                                                        |
| Watchdog Timer             | Programmable 1 - 255 sec                                   | Programmable 1 - 255 sec                                   |
| Remote Boot                | ThinManager Ready                                          | N/A                                                        |
| Expansion Slot             | N/A                                                        | N/A                                                        |
| I/O Communication          |                                                            |                                                            |
| USB Port                   | 2 x USB 2.0                                                | 2 x USB 2.0                                                |
| Serial Port                | N/A                                                        | N/A                                                        |
| IEEE 1394                  | N/A                                                        | N/A                                                        |
| LAN / Wi-Fi                | Wi-Fi 6E 802.11ax                                          | Wi-Fi 6E 802.11ax                                          |
| Parallel                   | N/A                                                        | N/A                                                        |
| GPIO                       | N/A                                                        | N/A                                                        |
| Smart Battery              |                                                            |                                                            |
| Internal Battery           | Optional                                                   | Optional                                                   |
| OS Support                 |                                                            |                                                            |
| OS Support                 | Windows 10, 11                                             | Windows 10, 11                                             |
| Power/Thermal Specs        |                                                            |                                                            |
| Power Requirement (Max)    | 110VAC~220VAC                                              | 110VAC~220VAC                                              |
| Power Consumption (Max)    | 47W (Without Charging)                                     | 60W (Without Charging)                                     |
| Recommended Power Supply   | Included                                                   | Included                                                   |
| Heat Dissipation (Average) | 160 BTU/hr                                                 | 205 BTU/hr                                                 |
| Physical Specification     |                                                            |                                                            |
| Mounting                   | N/A                                                        | N/A                                                        |
| Net Weight                 | --                                                         | --                                                         |
| Dimension (W x H x D)      | 66.90 x 24.50 x 21.44 inch<br>1699.25 x 622.37 x 544.50 mm | 66.90 x 24.50 x 21.44 inch<br>1699.25 x 622.37 x 544.50 mm |
| Environmental              |                                                            |                                                            |
| Operation Temperature      | 0~35°C (32~95°F)                                           | 0~35°C (32~95°F)                                           |
| Storage Temperature        | -20~60°C (-4~140°F)                                        | -20~60°C (-4~140°F)                                        |
| Relative Humidity          | 0~95%                                                      | 0~95%                                                      |
| Compliance                 |                                                            |                                                            |
| IP/MENA Rating             | --                                                         | --                                                         |
| Certification              | N/A                                                        | N/A                                                        |



## AMW-102

Industrial Wi-Fi Mobile Operator Workstation / Computing Cart



| Specifications             | AMW-102                                                    |                                                            |
|----------------------------|------------------------------------------------------------|------------------------------------------------------------|
|                            | K01                                                        | H01                                                        |
| LCD Display                |                                                            |                                                            |
| Display Size               | two 21.5 inch                                              | two 21.5 inch                                              |
| Max Resolution             | 1920 x 1080                                                | 1920 x 1080                                                |
| Backlight Lifetime         | 50,000 hours                                               | 50,000 hours                                               |
| Visual Characteristics     |                                                            |                                                            |
| Colors                     | 16.7 million                                               | 16.7 million                                               |
| Aspect Ratio               | 16:9                                                       | 16:9                                                       |
| Viewing Angle (V/H)        | 178° / 178°                                                | 178° / 178°                                                |
| Contrast Ratio             | 1000:1                                                     | 1000:1                                                     |
| Brightness                 | 250 nits                                                   | 250 nits                                                   |
| Touch Screen               |                                                            |                                                            |
| Technology                 | Projected Capacitive                                       | Projected Capacitive                                       |
| Interface                  | USB                                                        | USB                                                        |
| Driver                     | Windows 10, 11                                             | Windows 10, 11                                             |
| System                     |                                                            |                                                            |
| CPU                        | Intel N200/i3-N305 CPU                                     | Intel i7-6600U CPU                                         |
| Chipset                    | Alder Lake-N                                               | Skylake                                                    |
| Memory                     | Up to 16GB DDR4 SO-DIMM                                    | Up to 16GB DDR4 SO-DIMM                                    |
| Video Controller           | Intel UHD Graphics                                         | Intel HD Graphics 520                                      |
| External Video Output      | N/A                                                        | N/A                                                        |
| Storage Option             | 2.5" SATA SSD or M.2 NVMe SSD                              | 2.5" SSD                                                   |
| CFast                      | N/A                                                        | Optional                                                   |
| Audio                      | N/A                                                        | N/A                                                        |
| Watchdog Timer             | Programmable 1 - 255 sec                                   | Programmable 1 - 255 sec                                   |
| Remote Boot                | ThinManager Ready                                          | N/A                                                        |
| Expansion Slot             | N/A                                                        | N/A                                                        |
| I/O Communication          |                                                            |                                                            |
| USB Port                   | 2 x USB 2.0                                                | 2 x USB 2.0                                                |
| Serial Port                | N/A                                                        | N/A                                                        |
| IEEE 1394                  | N/A                                                        | N/A                                                        |
| LAN / Wi-Fi                | Wi-Fi 6E 802.11ax                                          | Wi-Fi 6E 802.11ax                                          |
| Parallel                   | N/A                                                        | N/A                                                        |
| GPIO                       | N/A                                                        | N/A                                                        |
| Smart Battery              |                                                            |                                                            |
| Internal Battery           | Optional                                                   | Optional                                                   |
| OS Support                 |                                                            |                                                            |
| OS Support                 | Windows 10, 11                                             | Windows 10, 11                                             |
| Power/Thermal Specs        |                                                            |                                                            |
| Power Requirement (Max)    | 110VAC~220VAC                                              | 110VAC~220VAC                                              |
| Power Consumption (Max)    | 70W (Without Charging)                                     | 83W (Without Charging)                                     |
| Recommended Power Supply   | Included                                                   | Included                                                   |
| Heat Dissipation (Average) | 238 BTU/hr                                                 | 283 BTU/hr                                                 |
| Physical Specification     |                                                            |                                                            |
| Mounting                   | N/A                                                        | N/A                                                        |
| Net Weight                 | --                                                         | --                                                         |
| Dimension (W x H x D)      | 70.81 x 28.47 x 21.44 inch<br>1798.68 x 723.04 x 544.50 mm | 70.81 x 28.47 x 21.44 inch<br>1798.68 x 723.04 x 544.50 mm |
| Environmental              |                                                            |                                                            |
| Operation Temperature      | 0~35°C (32~95°F)                                           | 0~35°C (32~95°F)                                           |
| Storage Temperature        | -20~60°C (-4~140°F)                                        | -20~60°C (-4~140°F)                                        |
| Relative Humidity          | 0~95%                                                      | 0~95%                                                      |
| Compliance                 |                                                            |                                                            |
| IP/MENA Rating             | --                                                         | --                                                         |
| Certification              | N/A                                                        | N/A                                                        |





## AMW-3224AX

Industrial Stainless Steel NEMA 4X / IP66  
Wi-Fi Mobile Operator Workstation



| Specifications              | AMW-3224AX                                                |                                                           |
|-----------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
|                             | K01                                                       | H01                                                       |
| LCD Display                 |                                                           |                                                           |
| Display Size                | Two 24" LCD Display                                       | Two 24" LCD Display                                       |
| Max Resolution              | 1920 x 1080                                               | 1920 x 1080                                               |
| Backlight Lifetime          | 50,000 hours                                              | 50,000 hours                                              |
| Visual Characteristics      |                                                           |                                                           |
| Colors                      | 16.7 million                                              | 16.7 million                                              |
| Aspect Ratio                | 16:9                                                      | 16:9                                                      |
| Viewing Angle (V/H)         | 160° / 170°                                               | 160° / 170°                                               |
| Contrast Ratio              | 5000:1                                                    | 5000:1                                                    |
| Brightness                  | 250 nits                                                  | 250 nits                                                  |
| Touch Screen                |                                                           |                                                           |
| Technology                  | Projected Capacitive                                      | Projected Capacitive                                      |
| Interface                   | USB                                                       | USB                                                       |
| Driver                      | Windows 10, 11                                            | Windows 10, 11                                            |
| System                      |                                                           |                                                           |
| CPU                         | Intel N200/i3-N305 CPU                                    | Intel i7-6600U CPU                                        |
| Chipset                     | Alder Lake-N                                              | Skylake                                                   |
| Memory                      | Up to 16GB DDR4 SO-DIMM                                   | Up to 16GB DDR4 SO-DIMM                                   |
| Video Controller            | Intel UHD Graphics                                        | Intel HD Graphics 520                                     |
| External Video Output       | N/A                                                       | N/A                                                       |
| Storage Option              | 2.5" SATA SSD or M.2 NVMe SSD                             | 2.5" SSD                                                  |
| CFast                       | N/A                                                       | Optional                                                  |
| Keyboard                    | Membrane or Silicon Ruber Keyboard                        | Membrane or Silicon Rubber Keyboard                       |
| Mouse                       | Touch Pad                                                 | Touch Pad                                                 |
| Audio                       | N/A                                                       | N/A                                                       |
| Watchdog Timer              | Programmable 1 - 255 sec                                  | Programmable 1 - 255 sec                                  |
| Remote Boot                 | ThinManager Ready                                         | N/A                                                       |
| Expansion Slot              | N/A                                                       | N/A                                                       |
| I/O Communication           |                                                           |                                                           |
| USB Port                    | 2 x USB 2.0                                               | 2 x USB 2.0                                               |
| Serial Port                 | N/A                                                       | N/A                                                       |
| IEEE 1394                   | N/A                                                       | N/A                                                       |
| LAN / Wi-Fi                 | Wi-Fi 6E 802.11ax                                         | Wi-Fi 6E 802.11ax                                         |
| Parallel                    | N/A                                                       | N/A                                                       |
| GPIO                        | N/A                                                       | N/A                                                       |
| Smart Battery               |                                                           |                                                           |
| Internal Battery            | Optional 1024Wh Lithium Battery                           | Optional 1024Wh Lithium Battery                           |
| OS Support                  |                                                           |                                                           |
| OS Support                  | Windows 10, 11                                            | Windows 10, 11                                            |
| Power/Thermal Specs         |                                                           |                                                           |
| Power Requirement (Max)     | 110VAC~220VAC                                             | 110VAC~220VAC                                             |
| Power Consumption (Average) | 87W (Without Charging)                                    | 100W (Without Charging)                                   |
| Recommended Power Supply    | Included                                                  | Included                                                  |
| Heat Dissipation (Average)  | 296 BTU/hr                                                | 341 BTU/hr                                                |
| Physical Specification      |                                                           |                                                           |
| Mounting                    | N/A                                                       | N/A                                                       |
| Net Weight                  | --                                                        | --                                                        |
| Dimension (W x H x D)       | 22.98 x 70.38 x 25.57 inch<br>583.7 x 1787.68 x 649.56 mm | 22.98 x 70.38 x 25.57 inch<br>583.7 x 1787.68 x 649.56 mm |
| Environmental               |                                                           |                                                           |
| Operation Temperature       | 0~35°C (32~95°F)                                          | 0~35°C (32~95°F)                                          |
| Storage Temperature         | -20~60°C (-4~140°F)                                       | -20~60°C (-4~140°F)                                       |
| Relative Humidity           | 0~95%                                                     | 0~95%                                                     |
| Compliance                  |                                                           |                                                           |
| IP/MENA Rating              | Meets NEMA 4X / IP66                                      | Meets NEMA 4X / IP66                                      |
| Certification               | N/A                                                       | N/A                                                       |



## AMW-2224AX

Industrial Stainless Steel NEMA 4X / IP66  
Wi-Fi Mobile Operator Workstation



| Specifications              | AMW-2224AX                                            |                                                       |
|-----------------------------|-------------------------------------------------------|-------------------------------------------------------|
|                             | K01                                                   | H01                                                   |
| LCD Display                 |                                                       |                                                       |
| Display Size                | Two 24" LCD Display                                   | Two 24" LCD Display                                   |
| Max Resolution              | 1920 x 1080                                           | 1920 x 1080                                           |
| Backlight Lifetime          | 50,000 hours                                          | 50,000 hours                                          |
| Visual Characteristics      |                                                       |                                                       |
| Colors                      | 16.7 million                                          | 16.7 million                                          |
| Aspect Ratio                | 16:9                                                  | 16:9                                                  |
| Viewing Angle (V/H)         | 160° / 170°                                           | 160° / 170°                                           |
| Contrast Ratio              | 5000:1                                                | 5000:1                                                |
| Brightness                  | 250 nits                                              | 250 nits                                              |
| Touch Screen                |                                                       |                                                       |
| Technology                  | Projected Capacitive                                  | Projected Capacitive                                  |
| Interface                   | USB                                                   | USB                                                   |
| Driver                      | Windows 10, 11                                        | Windows 10, 11                                        |
| System                      |                                                       |                                                       |
| CPU                         | Intel N200/i3-N305 CPU                                | Intel i7-6600U CPU                                    |
| Chipset                     | Alder Lake-N                                          | Skylake                                               |
| Memory                      | Up to 16GB DDR4 SO-DIMM                               | Up to 16GB DDR4 SO-DIMM                               |
| Video Controller            | Intel UHD Graphics                                    | Intel HD Graphics 520                                 |
| External Video Output       | N/A                                                   | N/A                                                   |
| Storage Option              | 2.5" SATA SSD or M.2 NVMe SSD                         | 2.5" SSD                                              |
| CFast                       | N/A                                                   | Optional                                              |
| Keyboard                    | Membrane or Silicon Rubber Keyboard                   | Membrane or Silicon Rubber Keyboard                   |
| Mouse                       | Touch Pad                                             | Touch Pad                                             |
| Audio                       | N/A                                                   | N/A                                                   |
| Watchdog Timer              | Programmable 1 - 255 sec                              | Programmable 1 - 255 sec                              |
| Remote Boot                 | ThinManager Ready                                     | N/A                                                   |
| Expansion Slot              | N/A                                                   | N/A                                                   |
| I/O Communication           |                                                       |                                                       |
| USB Port                    | 2 x USB 2.0                                           | 2 x USB 2.0                                           |
| Serial Port                 | N/A                                                   | N/A                                                   |
| IEEE 1394                   | N/A                                                   | N/A                                                   |
| LAN / Wi-Fi                 | Wi-Fi 6E 802.11ax                                     | Wi-Fi 6E 802.11ax                                     |
| Parallel                    | N/A                                                   | N/A                                                   |
| GPIO                        | N/A                                                   | N/A                                                   |
| Smart Battery               |                                                       |                                                       |
| Internal Battery            | Optional 1024Wh Lithium Battery                       | Optional 1024Wh Lithium Battery                       |
| OS Support                  |                                                       |                                                       |
| OS Support                  | Windows 10, 11                                        | Windows 10, 11                                        |
| Power/Thermal Specs         |                                                       |                                                       |
| Power Requirement (Max)     | 110VAC~220VAC                                         | 110VAC~220VAC                                         |
| Power Consumption (Average) | 87W (Without Charging)                                | 100W (Without Charging)                               |
| Recommended Power Supply    | Included                                              | Included                                              |
| Heat Dissipation (Average)  | 296 BTU/hr                                            | 341 BTU/hr                                            |
| Physical Specification      |                                                       |                                                       |
| Mounting                    | N/A                                                   | N/A                                                   |
| Net Weight                  | --                                                    | --                                                    |
| Dimension (W x H x D)       | 33.82 x 62.34 x 22.06 inch<br>859 x 1583.4 x 560.2 mm | 33.82 x 62.34 x 22.06 inch<br>859 x 1583.4 x 560.2 mm |
| Environmental               |                                                       |                                                       |
| Operation Temperature       | 0~35°C (32~95°F)                                      | 0~35°C (32~95°F)                                      |
| Storage Temperature         | -20~60°C (-4~140°F)                                   | -20~60°C (-4~140°F)                                   |
| Relative Humidity           | 0~95%                                                 | 0~95%                                                 |
| Compliance                  |                                                       |                                                       |
| IP/MENA Rating              | Meets NEMA 4X / IP66                                  | Meets NEMA 4X / IP66                                  |
| Certification               | N/A                                                   | N/A                                                   |



## AMW-1121AX

Industrial Stainless Steel NEMA 4X / IP66  
Wi-Fi Mobile Operator Workstation



| Specifications             | AMW-1121AX                                              |                                                         |
|----------------------------|---------------------------------------------------------|---------------------------------------------------------|
|                            | K01                                                     | H01                                                     |
| LCD Display                |                                                         |                                                         |
| Display Size               | 21.5 inch                                               | 21.5 inch                                               |
| Max Resolution             | 1920 x 1080                                             | 1920 x 1080                                             |
| Backlight Lifetime         | 50,000 hours                                            | 50,000 hours                                            |
| Visual Characteristics     |                                                         |                                                         |
| Colors                     | 16.7 million                                            | 16.7 million                                            |
| Aspect Ratio               | 16:9                                                    | 16:9                                                    |
| Viewing Angle (V/H)        | 178° / 178°                                             | 178° / 178°                                             |
| Contrast Ratio             | 1000:1                                                  | 1000:1                                                  |
| Brightness                 | 250 nits                                                | 250 nits                                                |
| Touch Screen               |                                                         |                                                         |
| Technology                 | Projected Capacitive                                    | Projected Capacitive                                    |
| Interface                  | USB                                                     | USB                                                     |
| Driver                     | Windows 10, 11                                          | Windows 10, 11                                          |
| System                     |                                                         |                                                         |
| CPU                        | Intel N200/i3-N305 CPU                                  | Intel i7-6600U CPU                                      |
| Chipset                    | Alder Lake-N                                            | Skylake                                                 |
| Memory                     | Up to 16GB DDR4 SO-DIMM                                 | Up to 16GB DDR4 SO-DIMM                                 |
| Video Controller           | Intel UHD Graphics                                      | Intel HD Graphics 520                                   |
| External Video Output      | N/A                                                     | N/A                                                     |
| Storage Option             | 2.5" SATA SSD or M.2 NVMe SSD                           | 2.5" SSD                                                |
| CFast                      | N/A                                                     | Optional                                                |
| Keyboard                   | Membrane or Silicon Ruber Keyboard                      | Membrane or Silicon Rubber Keyboard                     |
| Mouse                      | Touch Pad                                               | Touch Pad                                               |
| Audio                      | N/A                                                     | N/A                                                     |
| Watchdog Timer             | Programmable 1 - 255 sec                                | Programmable 1 - 255 sec                                |
| Remote Boot                | ThinManager Ready                                       | N/A                                                     |
| Expansion Slot             | N/A                                                     | N/A                                                     |
| I/O Communication          |                                                         |                                                         |
| USB Port                   | 2 x USB 2.0                                             | 2 x USB 2.0                                             |
| Serial Port                | N/A                                                     | N/A                                                     |
| IEEE 1394                  | N/A                                                     | N/A                                                     |
| LAN / Wi-Fi                | Wi-Fi 6E 802.11ax                                       | Wi-Fi 6E 802.11ax                                       |
| Parallel                   | N/A                                                     | N/A                                                     |
| GPIO                       | N/A                                                     | N/A                                                     |
| Smart Battery              |                                                         |                                                         |
| Internal Battery           | Optional 1024Wh Lithium Battery                         | Optional 1024Wh Lithium Battery                         |
| OS Support                 |                                                         |                                                         |
| OS Support                 | Windows 10, 11                                          | Windows 10, 11                                          |
| Power/Thermal Specs        |                                                         |                                                         |
| Power Requirement (Max)    | 110VAC~220VAC                                           | 110VAC~220VAC                                           |
| Power Consumption (Max)    | 47W (Without Charging)                                  | 60W (Without Charging)                                  |
| Recommended Power Supply   | Included                                                | Included                                                |
| Heat Dissipation (Average) | 160 BTU/hr                                              | 205 BTU/hr                                              |
| Physical Specification     |                                                         |                                                         |
| Mounting                   | N/A                                                     | N/A                                                     |
| Net Weight                 | --                                                      | --                                                      |
| Dimension (W x H x D)      | 20.94 x 58.38 x 21.89 inch<br>532.0 x 1482.9 x 556.1 mm | 20.94 x 58.38 x 21.89 inch<br>532.0 x 1482.9 x 556.1 mm |
| Environmental              |                                                         |                                                         |
| Operation Temperature      | 0~35°C (32~95°F)                                        | 0~35°C (32~95°F)                                        |
| Storage Temperature        | -20~60°C (-4~140°F)                                     | -20~60°C (-4~140°F)                                     |
| Relative Humidity          | 0~95%                                                   | 0~95%                                                   |
| Compliance                 |                                                         |                                                         |
| IP/MENA Rating             | Meets NEMA 4X / IP66                                    | Meets NEMA 4X / IP66                                    |
| Certification              | N/A                                                     | N/A                                                     |



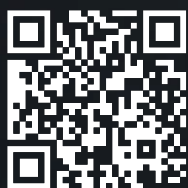


## AMW-1321AX

Industrial Stainless Steel NEMA 4X / IP66  
Wi-Fi Mobile Operator Workstation / Computing Cart



| Specifications             | AMW-1321AX                                              |                                                         |
|----------------------------|---------------------------------------------------------|---------------------------------------------------------|
|                            | K01                                                     | H01                                                     |
| LCD Display                |                                                         |                                                         |
| Display Size               | 21.5 inch                                               | 21.5 inch                                               |
| Max Resolution             | 1920 x 1080                                             | 1920 x 1080                                             |
| Backlight Lifetime         | 50,000 hours                                            | 50,000 hours                                            |
| Visual Characteristics     |                                                         |                                                         |
| Colors                     | 16.7 million                                            | 16.7 million                                            |
| Aspect Ratio               | 16:9                                                    | 16:9                                                    |
| Viewing Angle (V/H)        | 178° / 178°                                             | 178° / 178°                                             |
| Contrast Ratio             | 1000:1                                                  | 1000:1                                                  |
| Brightness                 | 250 nits                                                | 250 nits                                                |
| Touch Screen               |                                                         |                                                         |
| Technology                 | Projected Capacitive                                    | Projected Capacitive                                    |
| Interface                  | USB                                                     | USB                                                     |
| Driver                     | Windows 10, 11                                          | Windows 10, 11                                          |
| System                     |                                                         |                                                         |
| CPU                        | Intel N200/i3-N305 CPU                                  | Intel i7-6600U CPU                                      |
| Chipset                    | Alder Lake-N                                            | Skylake                                                 |
| Memory                     | Up to 16GB DDR4 SO-DIMM                                 | Up to 16GB DDR4 SO-DIMM                                 |
| Video Controller           | Intel UHD Graphics                                      | Intel HD Graphics 520                                   |
| External Video Output      | N/A                                                     | N/A                                                     |
| Storage Option             | 2.5" SATA SSD or M.2 NVMe SSD                           | 2.5" SSD                                                |
| CFast                      | N/A                                                     | Optional                                                |
| Keyboard                   | Membrane or Silicon Ruber Keyboard                      | Membrane or Silicon Rubber Keyboard                     |
| Mouse                      | Touch Pad                                               | Touch Pad                                               |
| Audio                      | N/A                                                     | N/A                                                     |
| Watchdog Timer             | Programmable 1 - 255 sec                                | Programmable 1 - 255 sec                                |
| Remote Boot                | ThinManager Ready                                       | N/A                                                     |
| Expansion Slot             | N/A                                                     | N/A                                                     |
| I/O Communication          |                                                         |                                                         |
| USB Port                   | 2 x USB 2.0                                             | 2 x USB 2.0                                             |
| Serial Port                | N/A                                                     | N/A                                                     |
| IEEE 1394                  | N/A                                                     | N/A                                                     |
| LAN / Wi-Fi                | Wi-Fi 6E 802.11ax                                       | Wi-Fi 6E 802.11ax                                       |
| Parallel                   | N/A                                                     | N/A                                                     |
| GPIO                       | N/A                                                     | N/A                                                     |
| Smart Battery              |                                                         |                                                         |
| Internal Battery           | Optional 1024Wh Lithium Battery                         | Optional 1024Wh Lithium Battery                         |
| OS Support                 |                                                         |                                                         |
| OS Support                 | Windows 10, 11                                          | Windows 10, 11                                          |
| Power/Thermal Specs        |                                                         |                                                         |
| Power Requirement (Max)    | 110VAC~220VAC                                           | 110VAC~220VAC                                           |
| Power Consumption (Max)    | 47W (Without Charging)                                  | 60W (Without Charging)                                  |
| Recommended Power Supply   | Included                                                | Included                                                |
| Heat Dissipation (Average) | 160 BTU/hr                                              | 205 BTU/hr                                              |
| Physical Specification     |                                                         |                                                         |
| Mounting                   | N/A                                                     | N/A                                                     |
| Net Weight                 | --                                                      | --                                                      |
| Dimension (W x H x D)      | 24.09 x 57.44 x 18.19 inch<br>612.0 x 1459.0 x 462.0 mm | 24.09 x 57.44 x 18.19 inch<br>612.0 x 1459.0 x 462.0 mm |
| Environmental              |                                                         |                                                         |
| Operation Temperature      | 0~35°C (32~95°F)                                        | 0~35°C (32~95°F)                                        |
| Storage Temperature        | -20~60°C (-4~140°F)                                     | -20~60°C (-4~140°F)                                     |
| Relative Humidity          | 0~95%                                                   | 0~95%                                                   |
| Compliance                 |                                                         |                                                         |
| IP/MENA Rating             | Meets NEMA 4X / IP66                                    | Meets NEMA 4X / IP66                                    |
| Certification              | N/A                                                     | N/A                                                     |



[www.aristaipc.com](http://www.aristaipc.com)

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