

# M1-215IC-W5-A2

## 21.5" Windows All-in-One Touch Computer




Stand sold separately.

### Description

The Mach M1-215IC-W5-A2 21.5" Windows All-in-One touch computer is a high-performance, versatile, touch computer that combines commercial-grade robustness with a consumer-grade design. This built for purpose computing platform features the unprecedented performance of the 12th generation Intel® Core™ i5 processor. The Mach AIO is equipped with a bright 21.5", full HD, 8-bit, LED panel. It features a projected capacitive, 10-point touch sensor and advanced optical bonding with an etched anti-glare surface. This technology increases clarity and viewing angle, while simultaneously reducing distracting reflections and fingerprints. Smart peripherals include: 2D bar code scanner, multi-color LED status bar, 8MP camera, 3-track MSR, and a port expansion hub. The result is the modern, stylish look you want, the superior performance you need and the versatility for any application.

### Featured Specifications

- Size: 21.5" TFT LCD
- Processor: i5-1245UE 3.3GHz 10 core Gen 12
- Maximum Resolution: 1920 x 1080
- Contrast Ratio: 1000:1
- Aspect Ratio: 16:9
- Brightness: 350 nits (No Touch), 315 nits (PCAP)
- View Angle: H: 178°, V: 178°
- Video Port:  
1 x HDMI  
(up to 1920 x 1080 @60Hz),  
1 x USB-C  
(Alt mode + PD out 12V@3A+USB 2.0)
- Warranty: 3 year

# Specifications

## System Configuration

Processor	i5-1245UE 3.3GHz 10 core Gen 12
GPU	Intel®, Iris® Xe Graphics for i5 CPU
System Memory	1 X DDR4 DIMM slot, 16GB
Storage Device	1 X M.2 PCI Express 2280, 256GB
TPM	2.0 for Windows 11 support
Wi-Fi & Bluetooth	802.11 a/b/g/n/ac/ax, Bluetooth 5.2 (Support BLE)

## Touch LCD Display

Touch Screen	Projected Capacitive, 10 points
Brightness	350 nits (No Touch), 315 nits (PCAP)
Surface Treatment	Etched-Anti Glare, Optical Bonding
Contrast Ratio	1000:1
Aspect Ratio	16:9
View Angle	H: 178°, V: 178°
Hardness	7H Hardness durable glass

## I/O Ports

USB Port	2 x USB-C (PD in/out) 4 x USB-C (peripheral connection) 4 x USB 3.0 Gen 1 Type A
LAN Port	1 X RJ45 Gigabit Lan
Video Port	1 x HDMI (up to 1920 x 1080 @60Hz) 1 x USB-C (Alt mode + PD out 12V@3A+USB 2.0)
Audio Port	1 x Audio-Output (3.5 mm Mini-Jack)
Power Input	180W 24V DC in

## Operating System

OS	Windows 10
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## Physical Properties

Speaker	2 x 2W Stereo
Housing Color	Black
Construction	Plastic, Glass, SECC Metal
Compliance	Front Panel IP65 Compliant
Dimensions (W x H x D) mm	515.44 x 306.91 x 43.49 mm (without stand)
Net Weight (kg)	4.42 Kg (without stand)
Gross Weight (kg)	6.67 Kg (carton, without stand)
Carton (W x H x D) mm	582 x 372 x 145 mm (without stand)
VESA	100 x 100 mm
Ball Drop / IK	IK07

# Specifications (cont.)

## Safety

Certifications	CE, FCC, UL/cUL, NOM, RoHS, UKCA
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## Environment

Operating Temperature	0°C ~ 40°C, 20% ~ 80% RH. Non-Condensing
Storage Temperature	-20°C ~ 60°C, 20% ~ 90% RH. Non-Condensing

## Optional Peripheral

Expansion Hub	MA-HUB-A1
MSR	MA-MSR-A1
Camera	MA-CAM-A1
Light Bar	MA-LBAR-A1
Bar Code Scanner	MA-SCAN-A1



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# M1-215IC-WC-A2

## 21.5" Windows All-in-One Touch Computer




Stand sold separately.

### Description

The Mach M1-215IC-WC-A2 21.5" Windows All-in-One touch computer is a high-performance, versatile, touch computer that combines commercial-grade robustness with a consumer-grade design. This built for purpose computing platform features the unprecedented performance of the 12th generation Intel® Celeron 7305E processor. The Mach AIO is equipped with a bright 21.5", full HD, 8-bit, LED panel. It features a projected capacitive, 10-point touch sensor and advanced optical bonding with an etched anti-glare surface. This technology increases clarity and viewing angle, while simultaneously reducing distracting reflections and fingerprints. Smart peripherals include: 2D bar code scanner, multi-color LED status bar, 8MP camera, 3-track MSR, NFC RFID reader, and a port expansion hub. The result is the modern, stylish look you want, the superior performance you need and the versatility for any application.

### Featured Specifications

- Size: 21.5" TFT LCD
- Processor: Celeron 7305E 1.10GHz 5 core Gen 12
- Maximum Resolution: 1920 x 1080
- Contrast Ratio: 1000:1
- Aspect Ratio: 16:9
- Brightness: 350 nits (No Touch), 315 nits (PCAP)
- View Angle: H: 178°, V: 178°
- Video Port:
  - 1 x HDMI (up to 1920 x 1080 @60Hz),
  - 1 x USB-C (Alt mode + PD out 12V@3A+USB 2.0)
- OS: Windows 10 IoT 2021 LTSC
- Warranty: 3 year

# Specifications

## System Configuration

Processor	Celeron 7305E 1.10GHz 5 core Gen 12
GPU	Intel®, Iris® Xe Graphics for i5 CPU
System Memory	1 X DDR4 DIMM slot, 16GB
Storage Device	1 X M.2 PCI Express 2280, 256GB
TPM	2.0 for Windows 11 support
Wi-Fi & Bluetooth	802.11 a/b/g/n/ac/ax, Bluetooth 5.2 (Support BLE)

## Touch LCD Display

Touch Screen	Projected Capacitive, 10 points
Brightness	350 nits (No Touch), 315 nits (PCAP)
Surface Treatment	Etched-Anti Glare, Optical Bonding
Contrast Ratio	1000:1
Aspect Ratio	16:9
View Angle	H: 178°, V: 178°
Hardness	7H Hardness durable glass

## I/O Ports

USB Port	2 x USB-C (PD in/out) 4 x USB-C (peripheral connection) 4 x USB 3.0 Gen 1 Type A
LAN Port	1 X RJ45 Gigabit Lan
Video Port	1 x HDMI (up to 1920 x 1080 @60Hz) 1 x USB-C (Alt mode + PD out 12V@3A+USB 2.0)
Audio Port	1 x Audio-Output (3.5 mm Mini-Jack)
Power Input	180W 24V DC in

## Operating System

OS	Windows 10 IoT 2021 LTSC
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## Physical Properties

Speaker	2 x 2W Stereo
Housing Color	Black
Construction	Plastic, Glass, SECC Metal
Compliance	Front Panel IP65 Compliant
Dimensions (W x H x D) mm	515.44 x 306.91 x 43.49 mm (without stand)
Net Weight (kg)	4.42 Kg (without stand)
Gross Weight (kg)	6.67 Kg (carton, without stand)
Carton (W x H x D) mm	582 x 372 x 145 mm (without stand)
VESA	100 x 100 mm
Ball Drop / IK	IK07

# Specifications (cont.)

## Safety

Certifications	CE, FCC, UL/cUL, NOM, RoHS, UKCA
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## Environment

Operating Temperature	0°C ~ 40°C, 20% ~ 80% RH. Non-Condensing
Storage Temperature	-20°C ~ 60°C, 20% ~ 90% RH. Non-Condensing

## Optional Peripheral

Expansion Hub	MA-HUB-A1
MSR	MA-MSR-A1
Camera	MA-CAM-A1
Light Bar	MA-LBAR-A1
Bar Code Scanner	MA-SCAN-A1
Reader	MA-READER-A1



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# M1-215IC-W3-A2

## 21.5" Windows All-in-One Touch Computer




Stand sold separately.

### Description

The Mach M1-215IC-W3-A2 21.5" Windows All-in-One touch computer is a high-performance, versatile, touch computer that combines commercial-grade robustness with a consumer-grade design. This built for purpose computing platform features the unprecedented performance of the 12th generation Intel® Core™ i3 processor. The Mach AIO is equipped with a bright 21.5", full HD, 8-bit, LED panel. It features a projected capacitive, 10-point touch sensor and advanced optical bonding with an etched anti-glare surface. This technology increases clarity and viewing angle, while simultaneously reducing distracting reflections and fingerprints. Smart peripherals include: 2D bar code scanner, multi-color LED status bar, 8MP camera, 3-track MSR, and a port expansion hub. The result is the modern, stylish look you want, the superior performance you need and the versatility for any application.

### Featured Specifications

- Size: 21.5" TFT LCD
- Processor: i3-1215UE 3.3GHz 6 core Gen 12
- Maximum Resolution: 1920 x 1080
- Contrast Ratio: 1000:1
- Aspect Ratio: 16:9
- Brightness: 350 nits (No Touch), 315 nits (PCAP)
- View Angle: H: 178°, V: 178°
- Video Port:  
1 x HDMI  
(up to 1920 x 1080 @60Hz),  
1 x USB-C  
(Alt mode + PD out 12V@3A+USB 2.0)
- Warranty: 3 year

# Specifications

## System Configuration

Processor	i3-1215UE 3.3GHz 6 core Gen 12
GPU	Intel® UHD Graphics
System Memory	1 X DDR4 DIMM slot, 16GB
Storage Device	1 X M.2 PCI Express 2280, 256GB
TPM	2.0 for Windows 11 support
Wi-Fi & Bluetooth	802.11 a/b/g/n/ac/ax, Bluetooth 5.2 (Support BLE)

## Touch LCD Display

Touch Screen	Projected Capacitive, 10 points
Brightness	350 nits (No Touch), 315 nits (PCAP)
Surface Treatment	Etched-Anti Glare, Optical Bonding
Contrast Ratio	1000:1
Aspect Ratio	16:9
View Angle	H: 178°, V: 178°
Hardness	7H Hardness durable glass

## I/O Ports

USB Port	2 x USB-C (PD in/out) 4 x USB-C (peripheral connection) 4 x USB 3.0 Gen 1 Type A
LAN Port	1 X RJ45 Gigabit Lan
Video Port	1 x HDMI (up to 1920 x 1080 @60Hz) 1 x USB-C (Alt mode + PD out 12V@3A+USB 2.0)
Audio Port	1 x Audio-Output (3.5 mm Mini-Jack)
Power Input	180W 24V DC in

## Operating System

OS	Windows 10
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## Physical Properties

Speaker	2 x 2W Stereo
Housing Color	Black
Construction	Plastic, Glass, SECC Metal
Compliance	Front Panel IP65 Compliant
Dimensions (W x H x D) mm	515.44 x 306.91 x 43.49 mm (without stand)
Net Weight (kg)	4.42 Kg (without stand)
Gross Weight (kg)	6.67 Kg (carton, without stand)
Carton (W x H x D) mm	582 x 372 x 145 mm (without stand)
VESA	100 x 100 mm
Ball Drop / IK	IK07



# Specifications (cont.)

## Safety

Certifications	CE, FCC, UL/cUL, NOM, RoHS, UKCA
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## Environment

Operating Temperature	0°C ~ 40°C, 20% ~ 80% RH. Non-Condensing
Storage Temperature	-20°C ~ 60°C, 20% ~ 90% RH. Non-Condensing

## Optional Peripheral

Expansion Hub	MA-HUB-A1
MSR	MA-MSR-A1
Camera	MA-CAM-A1
Light Bar	MA-LBAR-A1
Bar Code Scanner	MA-SCAN-A1



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# M1-215IC

## 21.5" Android All-in-One Touch Computer

**MACH**

Stand sold separately.

### Description

The Mach M1-215IC 21.5" Android All-in-One touch computer is a high-performance, versatile, touch computer that combines commercial-grade robustness with a consumer-grade design. This built for purpose computing platform features MediaTek's latest powerful processor, the Genio 700 (MT8390). The Mach AIO is equipped with a bright 21.5", full HD, 8-bit, LED panel. It features a projected capacitive, 10-point touch sensor and advanced optical bonding with an etched anti-glare surface. This technology increases clarity and viewing angle, while simultaneously reducing distracting reflections and fingerprints. Smart peripherals include: 2D bar code scanner, multi-color LED status bar, 8MP camera, 3-track MSR, and a port expansion hub. POE and Cellular 4G LTE options are available. The result is the modern, stylish look you want, the superior performance you need and the versatility for any application.

### Featured Specifications

- Size: 21.5" TFT LCD
- Processor: MediaTek Genio 700 (MT8390)
- OS: Android 13GMS
- Maximum Resolution: 1920 x 1080
- Contrast Ratio: 1000:1
- Aspect Ratio: 16:9
- Brightness: 350 nits (No Touch), 315 nits (PCAP)
- Power: 12v DC, POE (60W/90W), USB-C PD
- Connectivity: Wi-Fi, Bluetooth, Optional 4G LTE
- USB Ports:
  - 1 x USB-A 3.0,
  - 1 x USB-C (PD in 12V@5A+USB 2.0),
  - 1 x USB-C (PD out 12V@3A+USB 2.0),
  - 4 x USB-C (Peripheral Connection)
- Warranty: 3 year

# Models Available

- MI-215IC-AA2 Without Stand
- MI-215IC-AA3 POE
- MI-215IC-AA4 Cellular
- Double-Hinged Stand Sold Separately

# Specifications

## System Configuration

Processor	MediaTek Genio 700 (MT8390)
GPU	Mali-G57 MC3
APU	1 x MDLA3.0 + 1 x VP6
System Memory	8GB
Storage Device	64GB eMMC
Wi-Fi & Bluetooth	802.11 a/b/g/n/ac/ax, Bluetooth 5.2 (Support BLE)

## Touch LCD Display

Touch Screen	Projected Capacitive, 10 points
Brightness	350 nits (No Touch), 315 nits (PCAP)
Surface Treatment	Etched Anti-Glare, Optical Bonding
Contrast Ratio	1000:1
Aspect Ratio	16:9
View Angle	H: 178°, V: 178°
Hardness	7H Hardness durable glass

## I/O Ports

USB Port	1 x USB-C (PD in 12V@5A+USB 2.0) 1 x USB-C (PD out 12V@3A+USB 2.0) 4 x USB-C (Peripheral Connection) 1 x USB 3.0 Type A
LAN Port	1 x RJ45 Gigabit LAN
POE	Optional (60W/90W)
Video Port	1 x HDMI (up to 1920 x 1080 @60Hz)
Audio Port	1 x Audio-Output / Mic Input (3.5 mm Mini-Jack)
Power Input	12V DC

## Operating System

OS	Android 13 GMS
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# Specifications (cont.)

## Physical Properties

Speaker	2 x 2W Stereo
Camera	2.5 MP Front Facing
Housing Color	Black
Construction	Plastic, Glass, SECC Metal
Compliance	Front Panel IP65 Compliant
Dimensions (W x H x D) mm	515.44 x 306.91 x 41 mm (without stand)
Net Weight (kg)	3.87 kg (without stand)
Gross Weight (kg)	6.12 kg (carton, without stand)
Carton (W x H x D) mm	582 x 372 x 145 mm (without stand)
VESA	100 x 100 mm
Ball Drop / IK	IK07

## Safety

Certifications	CE, FCC, UL/cUL, NOM, RoHS, UKCA, RCM, PSE
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## Environment

Operating Temperature	0°C ~ 40°C, 20% ~ 80% RH. Non-Condensing
Storage Temperature	-20°C ~ 60°C, 20% ~ 90% RH. Non-Condensing

## Optional Cellular

Network Connectivity	4G LTE, UMTS, GMS
Carrier	Unlocked, SIM Card Not Provided
Carrier Certifications	Verizon, AT&T, Sprint, US Cellular, T-Mobile, Rogers, Telus, Deutsche Telekom

## Optional Peripheral

MSR	MA-MSR-A1
Camera	MA-CAM-A1
Light Bar	MA-LBAR-A1
Bar Code Scanner	MA-SCAN-A1



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