

M1-156IC-W11-I3-A2

M1-156IC-W3-A2 Windows 10 LTSC

15.6" Windows All-in-One Touch Computer

MACH **Windows**

Stand sold separately.

Description

The Mach M1-156IC-W11-I3-A2 15.6" 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 15.6", 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: 15.6" TFT LCD
- Processor: i3-1215UE 3.3GHz 6 core Gen 12
- OS: Windows 11 IoT LTSC
- Maximum Resolution: 1920 x 1080
- Contrast Ratio: 1000:1
- Aspect Ratio: 16:9
- Brightness: 450 nits (No Touch), 400 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 16 GB SO-DIMM DDR4
Storage Device	1 x 256 GB M.2 PCIe (NVMe) SSD
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	450 nits (No Touch), 400 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 11 IoT 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	378.03 x 227.34 x 34.5 mm (without stand)
Net Weight (kg)	2.38 Kg (without stand)
Gross Weight (kg)	4.63 Kg (carton, without stand)
Carton (W x H x D) mm	443 x 293 x 156 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
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Storage Temperature	-20°C ~ 60°C, 20% ~ 90% RH. Non-Condensing
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Optional Peripheral

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