



Advantech AIM-68S: High performance and reliability for industrial applications

- ✓ 10.1-inch full HD display with scratch-resistant protection and multi-touch functionality
- ✓ IP65-certified protection against water and dust for use in harsh environments
- ✓ High performance and efficiency specifically for use with Windows 11 IoT Enterprise
- ✓ Wi-Fi 6E and Bluetooth 5.3 for fast and stable wireless connections
- ✓ Integrated barcode scanner enables data to be captured quickly

Features

Display: 10.1 inch, WUXGA Full HD (1920 x 1200) with Corning® Gorilla® Glass 3

Operating system: Windows 11 IoT Enterprise (GAC)

Processor: Intel® N200, 3.70 GHz

Memory: 8 GB LPDDR5 RAM, 128 GB NVMe SSD

Battery: 4010 mAh, 5.5 hours operating time (depending on use)

Connectivity: Wi-Fi 6E, Bluetooth® 5.3, NFC

Additional features: Integrated 1D/2D barcode scanner, cameras (13 MP rear camera, 5 MP front camera)

Protection: IP65, drop-proof up to 1.2 m, MIL-STD-810H

Operating temperature: -10 - 50 °C

Dimensions (W x L x H): 280 x 180.1 x 18.3 mm

Weight: 1.1 kg

Optional accessories

Vehicle mounts

VESA Docking Station

Desktop Docking Station

4-way battery charging station

Barcode scanner (20°)

Barcode scanner (70°)

LAN RJ-45 module

UHF RFID reader (flat type)

Hand strap - Shoulder strap (portrait format)

Shoulder strap (landscape format)

Active Stylus

System	Processor	Intel® N200, 3.70 GHz
	Memory	8GB LPDDR5
	OS	Windows 11 IoT Enterprise (GAC)
Storage	Storage	m.2 NVMe SSD 128GB (Optional: 256GB)
Security		TPM 2.0
Display	Type	10.1" FHD LCD
	Resolution	WUXGA 1920 x 1200
	Brightness	380 cd/m²
	Touch Type	10-point multi-touch P-CAP touch control
	Glass Type	Corning® Gorilla® Glass 3
Communication	WLAN	IEEE 802.11a/b/g/n/ac/ax
	Bluetooth	Bluetooth® 5.3
	NFC	13.56 MHz, compatible with ISO15693, ISO14443A, ISO 14443B, FeliCa
Connectivity	Standard I/O	1x USB3.1 Type C for Charging & DP, 1x USB 3.1 type-A
	Extended I/O	1 x AIM extension 14-pin pogo connector: 1 x USB 2.0, 1 x 2-wire UART, 5V/1A power
	Docking	1 x AIM docking 16-pin pogo connector: 1 x USB 3.0, 12V power
	Speaker	2 x Internal speakers (2 W)
Audio	Audio Jack	1 x Audio combo jack (combines stereo audio output and mono microphone input)
Camera	Front	5.0-megapixel fixed-focus camera
	Rear	13.0-megapixel auto-focus camera with LED flash
Sensors		Ambient Light Sensor, e-Compass, G-sensor, Gyroscope
Barcode Scanner(Optional)		Integrated 1D/2D barcode scanner
Control Buttons		1 x Power button, 2 x volume keys (up/down), 1 x programmable function key
System Indicator		Full: green (100%); Charging: blue; Low: orange (≤10%)
Power System	Input Voltage	USB Type-C: 20V/3.25A Docking pogo: 12V/2A
	Battery	Smart battery with capacity LED indicators; 11.55V, 4010mAh, 46.31Wh, Operating time: 5.5 hr (depending on usage scenario*) Charging time: < 3 hr
Environment	Operating Temperature	-10 ~ 50 °C (14 ~ 122 °F)
	Charging Temperature	0 ~ 40 °C (32 ~ 104 °F)
	Storage Temperature	-20 ~ 60 °C (-4 ~ 140°F)
	IP Rating	IP65
	Shock	IEC60068-2-27
	Vibration	IEC60068-2-64
	Humidity	Operating: 40 °C @ 95% relative humidity, non-condensing Storage: 60 °C @ 95% relative humidity, non-condensing
Physical Characteristics	Drop Tested	Up to 120 cm (4 ft) onto plywood over concrete
	Dimension (W x D x H)	280 x 18.3 x 180.1 mm (11 x 0.7 x 7.1 in)
	Weight	1.1 Kg (2.4 lb)
	Color	Dark Grey
Certifications		FCC, CE, CB, UL, TELEC, VCCI, BSMI, NCC, CCC, SRRC, RCM, IC

Unit: mm

