

AIM-68S

10.1" Industrial Tablet with Intel Alder Lake-N Processor



Features

- Equipped with DeviceOn/iService software for remote device management
- Intel Alder Lake-N processor for Windows 11 IoT Enterprise (GAC)
- The battery with capacity meter that shows the remaining power and recharge status minimizes system interruptions for reliable long-duration operation
- Integrated barcode scanner supports data collection
- 10" WUXGA full HD display with scratch-resistant Corning® Gorilla® Glass 3 and multi-touch PCAP control
- Wi-Fi 6E, Bluetooth® 5.3, NFC technology for seamless communications
- Optional extension include 1D/2D barcode scanner, LAN module

Introduction

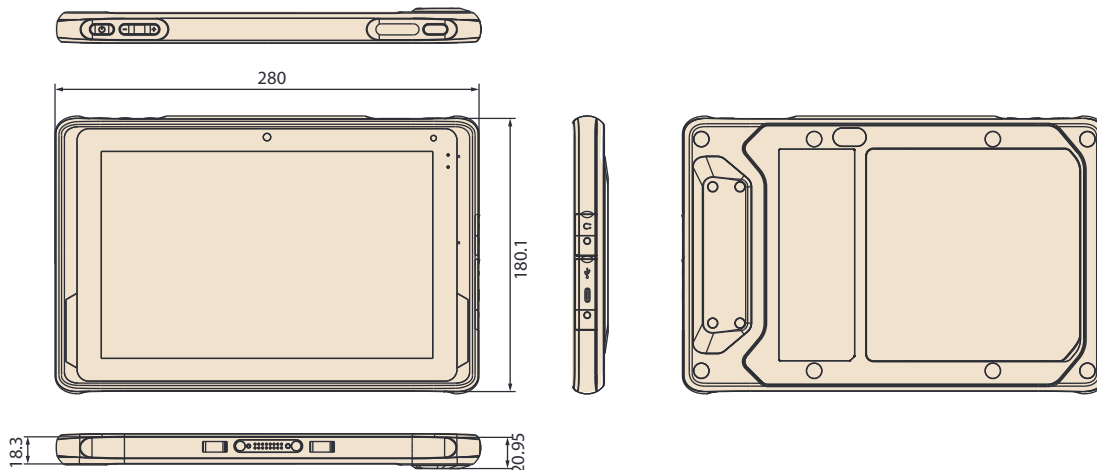
AIM-68S is an industrial-grade tablet equipped with IP65-rated protection and, Wi-Fi capabilities that enable mobile computing. AIM-68S can be integrated with built-in barcode and additional optional peripherals including a 1D/2D barcode scanner and LAN. This makes AIM-68S ideal for a wide range of operations in the manufacturing, warehouse, and retail industries.

Specifications

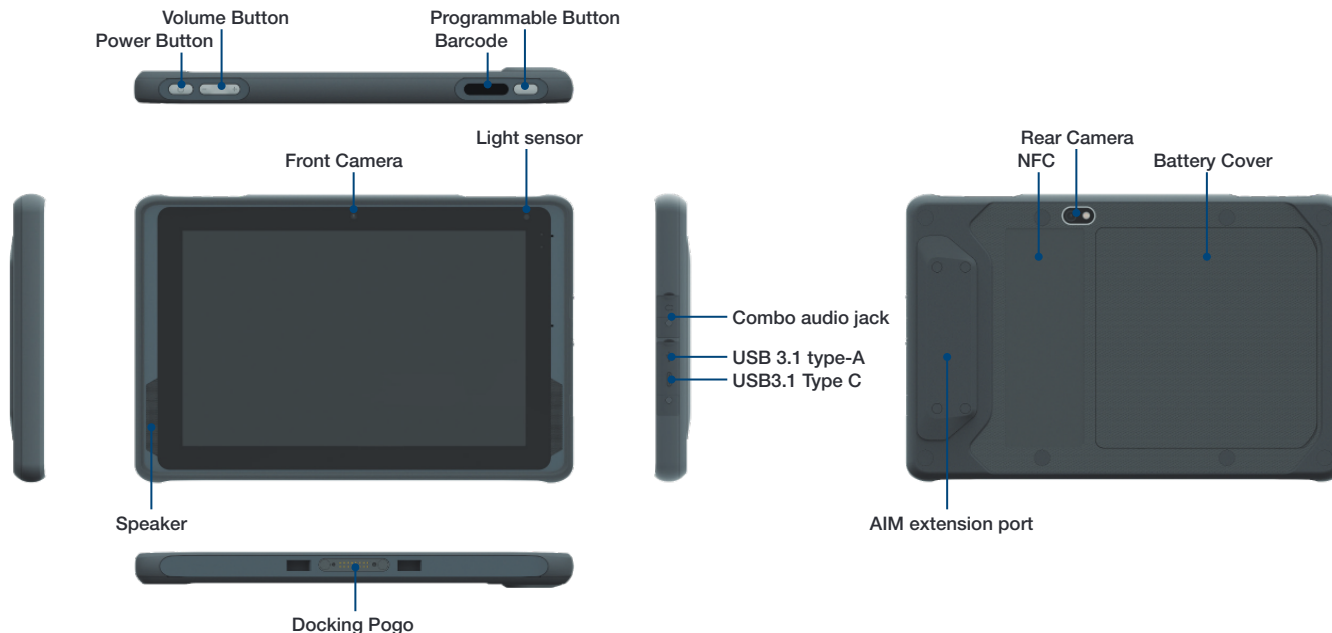
System	Processor	Intel® N200, 3.70 GHz
	Memory	8GB LPDDR5
	OS	Windows 11 IoT Enterprise (GAC)
Storage	Storage	m.2 NVMe SSD 128GB (Optional: 256GB)
Security		TPM 2.0
Display	Type	10.1" FHD LCD
	Resolution	WUXGA 1920 x 1200
	Brightness	380 cd/m ²
	Touch Type	10-point multi-touch P-CAP touch control
	Glass Type	Corning® Gorilla® Glass 3
Communication	WLAN	IEEE 802.11a/b/g/n/ac/ax
	Bluetooth	Bluetooth® 5.3
Connectivity	NFC	13.56 MHz, compatible with ISO15693, ISO14443A, ISO 14443B, FeliCa
	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)
Certifications	Color	Dark Grey
		FCC, CE, CB, UL, TELEC, VCCI, BSMI, NCC, CCC, SRRC, RCM, IC

Dimensions

Unit: mm



System I/O



Ordering Information

Part Number	Description	Memory	Storage	LCD	Barcode	NFC	Wi-Fi/BT	F-Camera	R-Camera	OS
AIM-68S-201000	10I/N200/8G/128G/Win 11/Wifi 6E	8 GB	128 GB	380 nits	X	V	V	5M	13M	Windows 11 IoT Enterprise (GAC)
AIM-68S-201B00	10I/N200/8G/128G/Win 11/Wifi 6E/W BCR	8 GB	128 GB	380 nits	V	V	V	5M	13M	Windows 11 IoT Enterprise (GAC)

Optional Accessories

Part Number	Description
1700001524	Power cord (USA) UL 3P 10A 125V 183 cm
1700008921	Power cord (Japan) PSE 3P 7A 125V 183 cm
1700019146	Power cord (China) CCC 3P 10A 250V 183 cm
1700018553	Power cord (NZ/AU) SAA 3P 10A 250V 183 cm
170203180A	Power cord (UK) BSI 3P 10A 250V 183 cm
170203183C	Power cord (EU) 3P 2.5A 250V 183 cm

AIM-68S Packing List

Description
1 x AIM-68S
1 x AC/DC adaptor
1 x 2-pin power cord (TW)