



Features

- 15.6" 1920 x 1080 with PCAP Touch
- Intel® IOTG Alder Lake-N Processor 6W N50
- Onboard 8GB LPDDR5, 64GB eMMC
- 2 x USB type A 3.0 x2, 1 x RJ45 for RS232/422/485, 1 x RJ45 for Gigabit LAN, 1 x DC Jack, 1 x Audio Jack
- Wi-Fi 802.11a/b/g/n/ac/ax, BT 5.2
- Optional 2 x Speaker 2W/4ohm
- Support Windows 10/11, Ubuntu 24.04



Intel® Processor
N50, 6M Cache,
up to 3.4 GHz



Onboard
8GB LPDDR5/
64GB eMMC



PCAP
Touch



Windows 10/11,
Ubuntu 24.04



Fanless
Operation
0 ~ 40°C

Specifications

System Information

Processor	Intel® Processor N50, 6M Cache, up to 3.4 GHz
System Memory	Onboard 8GB LPDDR5
CPU Cooler (Type)	Fanless

Storage

Storage	64GB eMMC
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Audio

Speaker Output	Optional Speaker 2 x 2W / 4ohm
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Ethernet

Ethernet Interface	10/100/1000 Base-Tx GbE compatible
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Power Requirement

DC Input	+12V
DC Input Connector	Lockable DC Jack

Software Support

OS	Windows 10/11, ubuntu 24.04
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Certification

Certification Information	CE, FCC Class B
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Panel

LCD Size	15.6"
Resolution	1920 x 1280
Luminance	250 cd/m ²
Viewing Angle	85 (U), 85 (D), 85 (L), 85 (R)
Touch Type	PCAP

External I/O

USB Port	2 x USB 3.0 Type A
Audio Port	1 x Audio Jack TRS
LAN Port	1 x RJ45
DC Input	1 x DC Jack
Other	1 x Power button w/ LED

Wireless Communication

WLAN	Wi-Fi 802.11a/b/g/n/ac/ax
Bluetooth	Optional BT 5.2

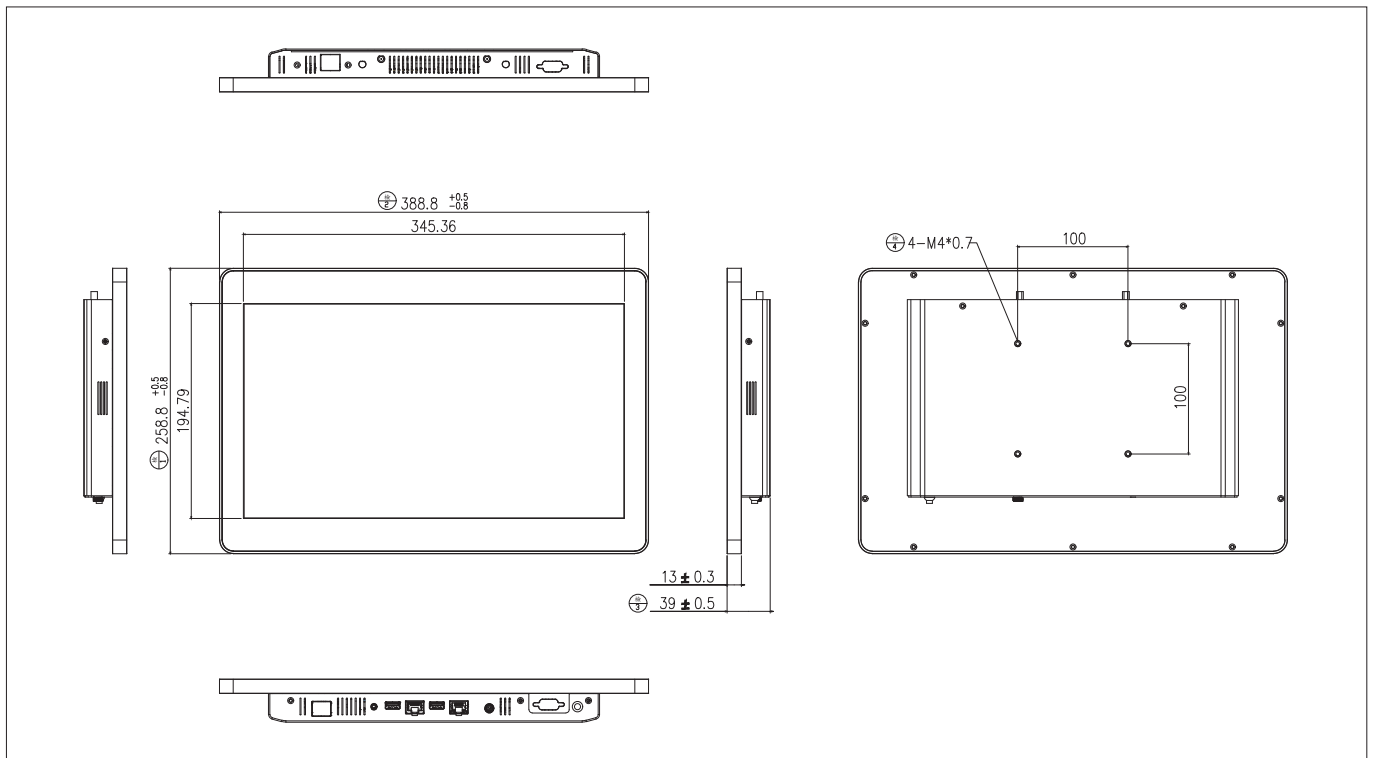
DC In / Out Characteristics

Input Voltage Range	DC +12 V
Power Type	AT

Mechanical & Environmental

Operating Temp.	0°C ~ 40°C (32°F ~ 104°F)
Dimension (W x L x H)	384 x 258 x 39 mm
Weight	2.8 kg
IP Rating	Front IP65
VESA	100 x 100

Mechanical Drawing



Ordering Information

P/N	Touch Type	Processor	Memory	Storage	Panel Size	Resolution	Brightness	I/O Ports (COM/USB/LAN)	Display Output	Power Input	Working Temp.	OS Support
SID-15WAD-N5-A1-1R	PCAP	Intel N50	Onboard 8GB LPDDR5	64GB eMMC	15.6"	1920 x 1080	250	0/2/1	N/A	DC +12V	0°C ~ 40°C	Windows 10/11 IoT Ubuntu 24.04

Packing List

Item	P/N	Quantity
SID-15WAD	SID-15WAD-N5-A1-1R	1
AC/DC adapter 12V/5A 90 Screw Type	ACC-ADP-060N-08R	1
Wi-Fi Antenna	E199TN00059R	2
Screw-Flat M4x4mm	ACC-SCREW-0001R	4

Optional Items

Item	P/N
2W/4 ohm Speaker	E175X203700R

I/O Overview

