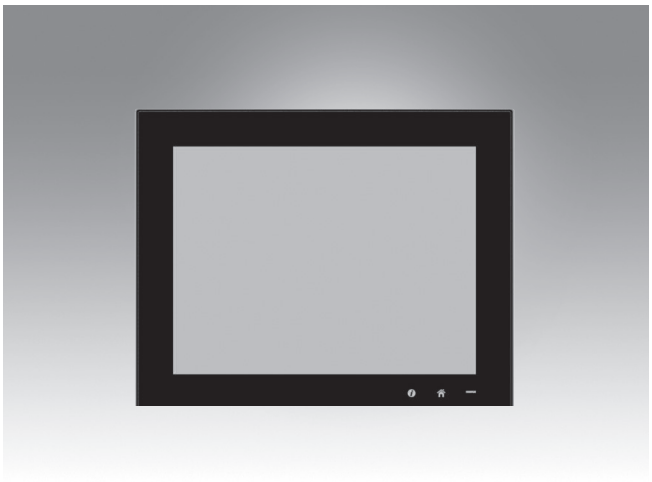
SPC-515

15" XGA TFT LED LCD Industrial Multi-Touch Panel PC with Stainless Steel Housing and IP69K Rating



Features

- All-around IP69K rating protects against dust and water
- 304L stainless steel housing
- 6th generation Intel® Core™ i3 processor
- Touchscreen equipped with shatter protection film
- PCAP multi-touch control
- Built-in function and home keys for intuitive operation
- Fanless cooling system
- Airflow valve design reduces condensation caused by temperature changes

Introduction

The SPC-515 is a 15" multi-touch panel PC with a fully sealed, IP69k-rated 304L stainless steel housing, making it suitable for the food beverage and pharmaceutical industries. Equipped with a 6th generation Intel® Core™ i3 processor that delivers high-performance computing, SPC-515 can be deployed as a data visualization gateway or control panel. The glass touchscreen is enhanced with shatter protection film that eliminates the potential for broken glass to cause safety hazards or food contamination issues. Moreover, the panel PC is compliant with EN 1672-2 specifications, ensuring adequate hygiene for food processing applications.

Specifications

General

BIOS	AMI UEFI
Certification	IP69k, CE, FCC Class A, UL
Cooling System	Fanless design
Dimensions (W x H x D)	389.6 x 313.7 x 56 mm (15.33 x 12.34 x 2,2 in)
Enclosure	Front: 304L Stainless steel Back: 304L Stainless steel
Mount Options	VESA
Power Consumption	60 W
Power Input	21 ~ 27 V_{DC}
Weight	10 kg (22.04 lb)
OS Support	Windows 10

System Hardware

CPU	Intel® i3-6100U, 2.3GHz
Memory	8 GB DDR3L SODIMM (2 slot, up to 16GB)
Expansion Slots	2 x Full-size mini PCIe x1
Storage	2.5" SATA x1, default equipped with 128GB
LAN	2 x 10/100/1000 BASE-T (M12 connector, A-coding, 8-pin female)
I/O	1 x RS-232 (M12 connector, A-coding, 8-pin male) 2 x USB 2.0 (M12 connector, A-coding, 8-pin female) 1 x Power input 24 V_{DC} (M12 connector, A-coding, 5-pin male)

LCD

Display Type	XGA TFT LED LCD
Display Size	15"
Max. Resolution	1024 x 768
Max. Colors	16.7M
Luminance (cd/m²)	300 cd/m²
Viewing Angle (H/V)	176 / 176
Backlight Life	70,000 hr

Touchscreen

Light Transmission	90% ± 3%
Treatment	Anti-glare film (shatter protection)
Touch Type	Projected capacitive

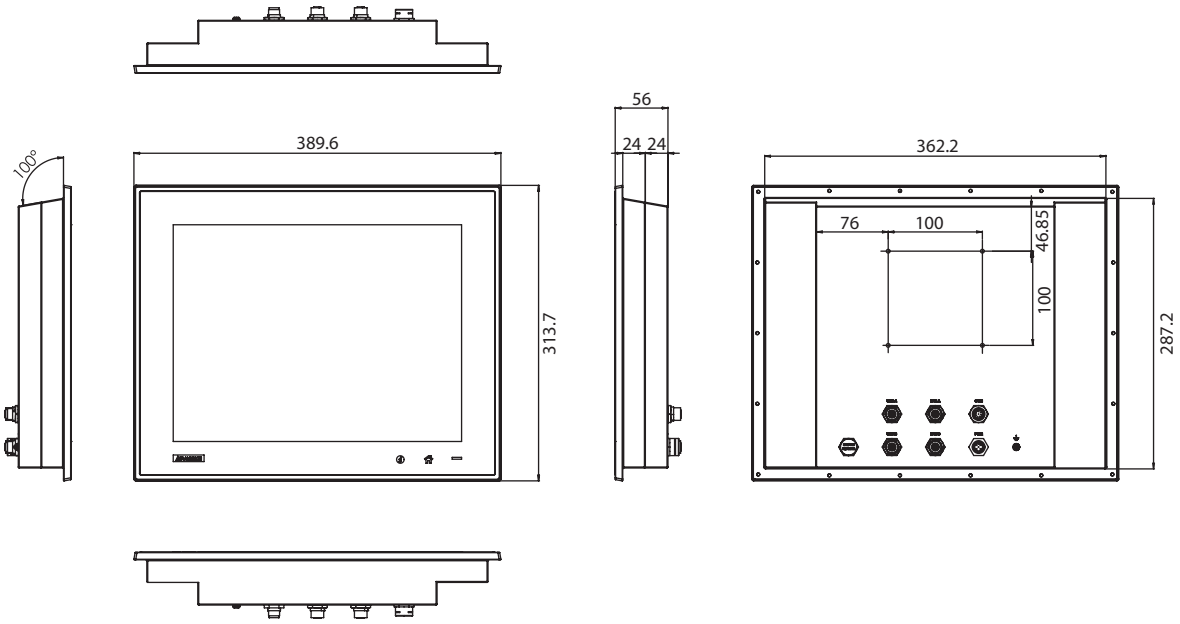
Environment

Humidity	10 ~ 95% RH @ 40 °C, non-condensing **Note:** Tested for 48 hr
Operating Temperature	0 ~ 50 °C (32 ~ 122 °F)
Storage Temperature	-20 ~ 60 °C (-4 ~ 140 °F)
Vibration Protection	With SSD: 3 Grms (5 ~ 500 Hz) (Operating, random vibration)

All product specifications are subject to change without notice.

Dimensions

Unit: mm



Ordering Information

- **SPC-515-633AE** 15" XGA TFT LCD with PCAP touch control, Intel® i3-6100U processor, and IP69K rating

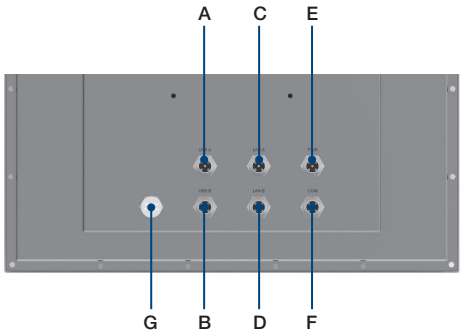
Optional Accessories

- **1702002600** Power cable US plug 1.8 M
- **1702002605** Power cable EU plug 1.8 M
- **1702031801** Power cable UK plug 1.8 M
- **1700000596** Power cable China/Australia plug 1.8 M
- **98R1SPC5000** M12 cable accessory kit for SPC-515
- **96PSA-A60W24T2-3** Adapter 100 ~ 240V 60W 24V 2.5A
- **96PSA-A120W24T2** Adapter 100 ~ 240V 120W 24V 5A

Embedded OS

- **20703WX9VS0015** Win 10 LTSC X64 Embedded OS

Rear View



A. USB A
B. USB B
C. LAN A
D. LAN B
E. PWR
F. COM
G. Pressure relief valve

Please note: If some optional modules are offered with the system, additional system certificates may be required in certain regions/countries. Please contact Advantech for certificate compliance.