



Features

- 12th Generation Intel® Core™ i3/i5 Processors
- Aluminum die-casting structure for strong & stable operation
- Easy access/service M.2 SSD cover
- Rubber gasket frame sealing bezel design for IP-65 resistance
- Comprehensive dual-side mounting support of peripherals
- Support 10.1" 2nd display & 2x20 LCM
- Innovative heat-dissipation fan-less operation design
- 4.8mm super slim edge bezel



+19V



PCAP
multi-touch



Fanless



0°C ~ 40°C



Front IP65

Specifications

System Information

Processor	Intel® Celeron® Processor J6412 12th Generation Intel® Core™ i3-1215U 12th Generation Intel® Core™ i5-1235U
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System Memory	8GB DDR5 SO-DIMM memory
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Expansion

Expansion	1 x M.2 slot for storage
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Storage

Storage	128GB M.2 2242 SSD
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Display

Graphic Chipset	Intel® UHD Graphics for 10th Gen Intel® Processors (J6412) Intel® UHD Graphics for 12th Gen Intel® Processors (Core-i)
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Audio

Audio Codec	Realtek ALC887
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Ethernet

LAN Chipset	Realtek RTL8111H
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Power Requirement

DC Input	+19V
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Software Support

OS	Win 10 / Win 11
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Certification

Certification Information	CE/FCC/UKCA/VCCI
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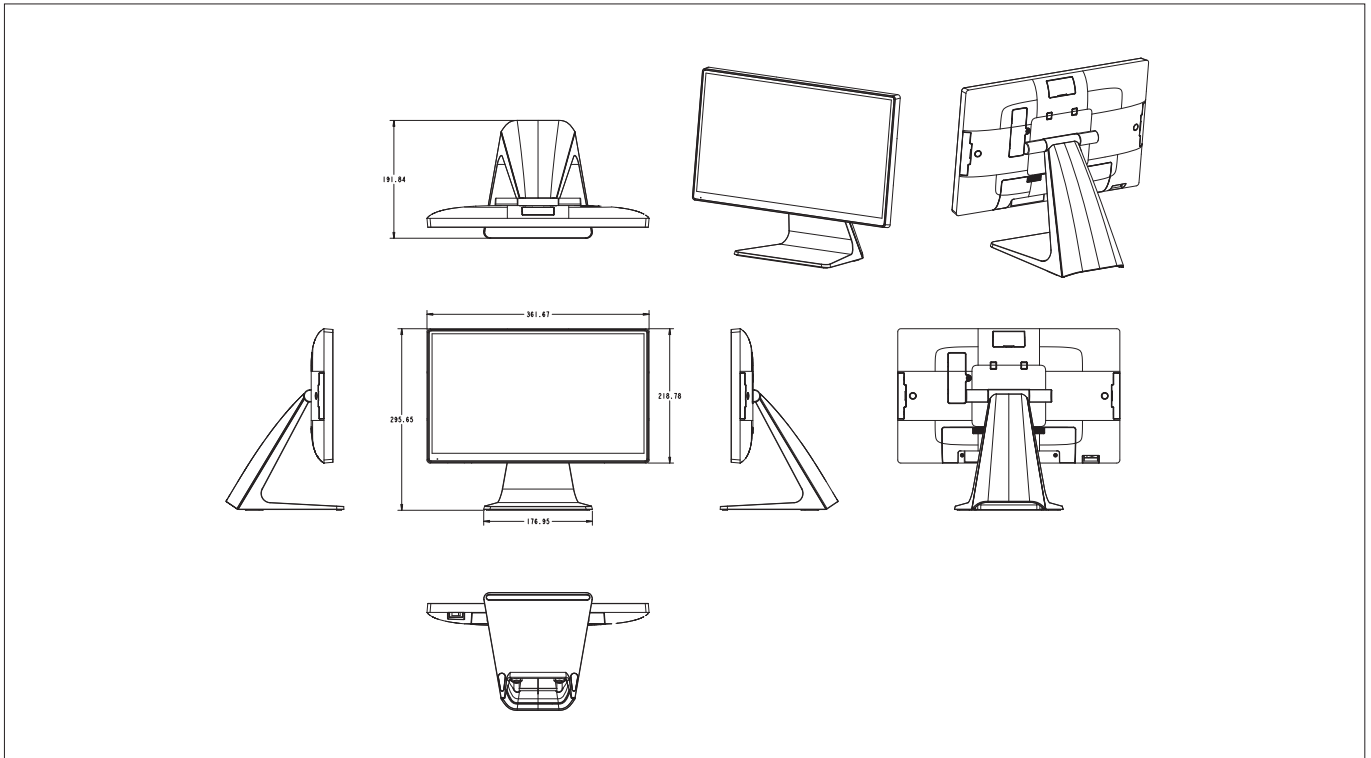
External I/O

USB	3 x USB 3.1 3 x USB 2.0
LAN Port	1 x Gigabit Ethernet by RJ-45
COM Port	2 x COM (RJ48 connectors that support DC+0/5/12v by BIOS setting, default setting is 0v)
Cash Drawer	1 x RJ11 (supports 2 cash drawers), DC 24V/12V by Jumper setting
Type-C	1 x Type-C (DP+PD)
DC-Jack	1 x DC-jack with lock

Panel

LCD Size	15.6"
Display Type	Full HD
Resolution	1920 x 1080
Luminance	250 cd/m ²
Backlight	LED
Touch Type	Projective capacitive
Mechanical & Environmental	
Operating Temp.	0°C ~ 40°C (32°F ~ 104°F)
Dimension (W x L x H)	361.6 x 300.5 x 191.9 mm (With stand)
IP Rating	IP65 for front panel
Power Mode	ATX
System Fan	Fanless
Construction - Front	Black
Construction - Rear	Black

Mechanical Drawing



Ordering Information

P/N	Touch Type	Processor	Memory	Storage	Resolution	Luminance	COM	USB	LAN	Power Input	Working Temp.	OS Support
PT58-15P4-A1-01R	PCAP	J6412	8GB	128GB	1920 x 1080	250	2	6USB/1USB Type C	1	+19V	0°C ~ 40°C	Win10 / 11
PT58-15P4-A1-02R	PCAP	J6412	8GB	128GB	1920 x 1080	250	2	6USB/1USB Type C	1	+19V	0°C ~ 40°C	Win10 / 11
PT58-15P4-A1-03R	PCAP	i3-1215U	8GB	128GB	1920 x 1080	250	2	6USB/1USB Type C	1	+19V	0°C ~ 40°C	Win10 / 11
PT58-15P4-A1-04R	PCAP	i5-1235U	8GB	128GB	1920 x 1080	250	2	6USB/1USB Type C	1	+19V	0°C ~ 40°C	Win10 / 11

Packing List

Item	P/N	Quantity
Power Adapter	N/A	1
Power Cord	N/A	1
COM Cable	N/A	2

Optional Items

Item	P/N
Fingerprint	ACC-PT58-FP-01R
RFID	ACC-PT58-NFC-01R
LCM (Character)	ACC-PT58-LCM-01R
iButton	ACC-PT58-IBN-01R
MSR	ACC-PT58-MSR-01R
10.1" 2nd display (W/O Touch)	ACC-PT58-2DP-01R
2D Barcode Scanner	ACC-PT58-SCR-01R
PPC58 Wall Mount	ACC-PT58-WM-01R
EU Power Cord	E170203183DR
US Power Cord	E1702031835R
JP Power Cord	E17120318001R
UK Power Cord	E170P060370R

I/O Overview

