RIVAR-1539-B1

Avalue All-in-One POS Terminal

Features

- Intel® Twin Lake N150 Processor
- 4 x USB 3.0
- 2 x Gigabit LAN
- 2 x COM,1 x HDMI
- WiFi / BT communication
- IP65 for front panel

+24V | PCAP Multi-touch | Fanless | 0°C ~ 40°C | IP65 for Front Panel

Specifications

System Information	
Processor	Intel® Twin Lake N150 Processor
System Memory	Onboard LPDDR5 8GB
I/O Chipset	EC IT8784E
TPM	TPM 2.0
Expansion	
Expansion	1 x 2 slot for WiFi module (option)
Storage	
Storage	Onboard 128GB eMMC
Display	
Graphic Chipset	Intel® UHD Graphics
Audio	
Audio Codec	Realtek ALC897
Audio Interface	2 x 2W
Ethernet	
LAN Chipset	2 x RJ45 Gigabit LAN RTL8125BG
Power Requirement	
DC Input	+24V
DC Input Connector	DC Jack
Software Support	
OS	Win 10 / Win 11/ Linux
Certification	
Certification Information	CE/FCC/UKCA/VCCI
External I/O	
USB Port	4 x USB 3.0
Audio Port	1 x Line-out
LAN Port	2 x LAN
COM Port	2 x COM
HDMI Port	1 x HDMI

Panel	
LCD Size	15.6"
Display Type	Full HD
Resolution	1920 x 1080
Pixel pitch	0.179 x 0.179
Luminance	350 cd/m²
Contrast Ratio	1500
Viewing Angle	89 (U), 89 (D), 89 (L), 89 (R)
Response Time	25 ms
Backlight	LED
Touch Type	Projective capacitive
Touch Controller	USB interface
Wireless Communication	
WLAN	Option IEEE 802.11 a/b/g/n/AC
Bluetooth	Option Bluetooth 5.0
Mechanical & Environmental	
Operating Temp.	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp.	-10°C ~ 60°C (14°F ~ 140°F)
Dimension (W x L x H)	390 x 247 x 42mm
Weight	2.5 Kg
Vibration Test	1.5 Grms, IEC 60068-2-64, random, 5~500Hz, 30min/axis
Shock Test	10 Grms, IEC60068-2-27, half sine, 11ms
IP Rating	IP65 for front panel
Power Mode	ATX
System Fan	Fanless
Construction - Front	Black/white
Construction - Rear	Black/white
Construction	Plastic
Component	
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W adapter (24V @2.5A)

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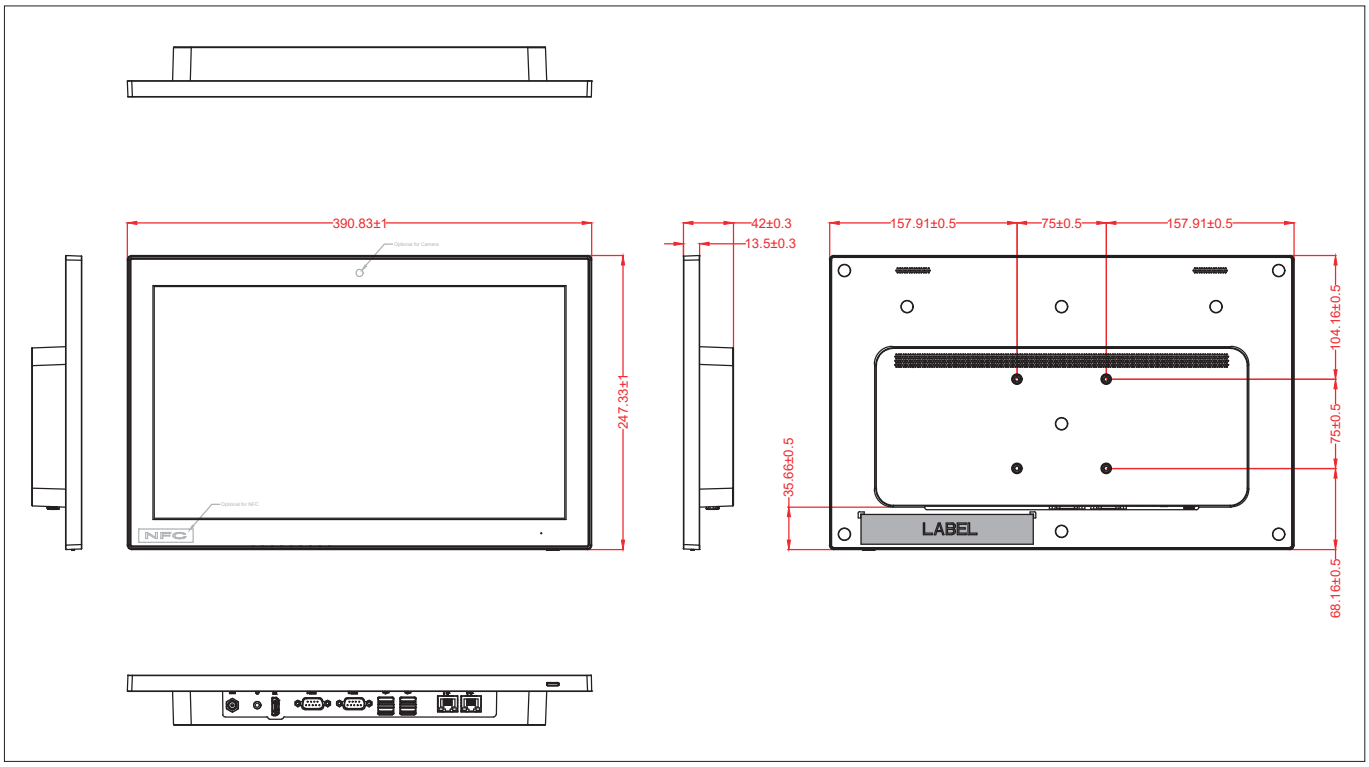
Mechanical Drawing



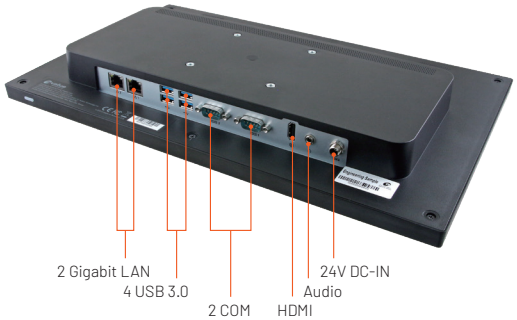
Ordering Information

P/N	Touch Type	Processor	Memory	Storage	Resolution	Luminance	COM	USB	LAN	HDMI	Power Input	Operating Temp.	OS Support
RIVAR-1539-B1-01R (Black)	PCAP	N150	8GB	128G EMMC	1920 x 1080	350	2	4	2	1	+24V	0°C ~ 40°C	Win 10/Win 11/ Linux
RIVAR-1539-B1-02R (White)	PCAP	N150	8GB	128G EMMC	1920 x 1080	350	2	4	2	1	+24V	0°C ~ 40°C	Win 10/Win 11/ Linux

Packing List

Item	P/N	Quantity
RIVAR-1539	RIVAR-1539	1
AC/DC adapter 24V/2.5A 180 Screw Type	ACC-ADP-060N-10R	1
VESA Screw 4pcs裝-Pan (D6.8) M4x6 BK 家泰A1	ACC-SCREW-0002R	1

Optional Items

Item	P/N
EU Power Cord	E1702031000R
US Power Cord	E1702031833R
JP Power Cord	E1702031834R
UK Power Cord	E170P060380R

I/O Overview