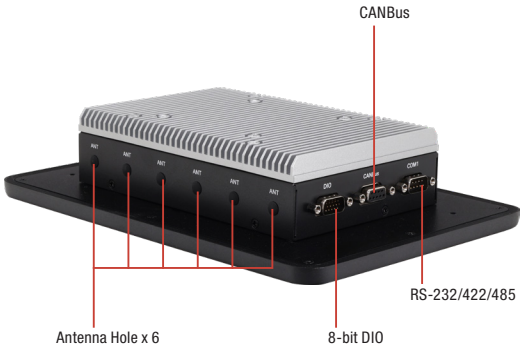
ACP-4100-NANO

10” WXGA Multi Touch AI Panel PC with NVIDIA® Jetson Orin Nano™

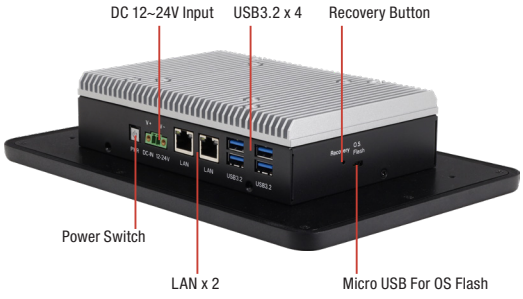
Front View



Top View



Bottom View



Features

- 10.1” WXGA (1280 x 800) Color TFT LCD Display
- Projected Capacitive Multi Touch
- NVIDIA® Jetson Orin Nano™
- 8GB LPDDR5
- GbE x 2 (OOB x 1)
- M.2 E-Key, M.2 B-Key, M.2 M-Key (pre-installed NVMe 128GB)
- Wide 12V-24V DC Input

1000 Giga LAN · USB 3.2 Gen2 · Wide Voltage

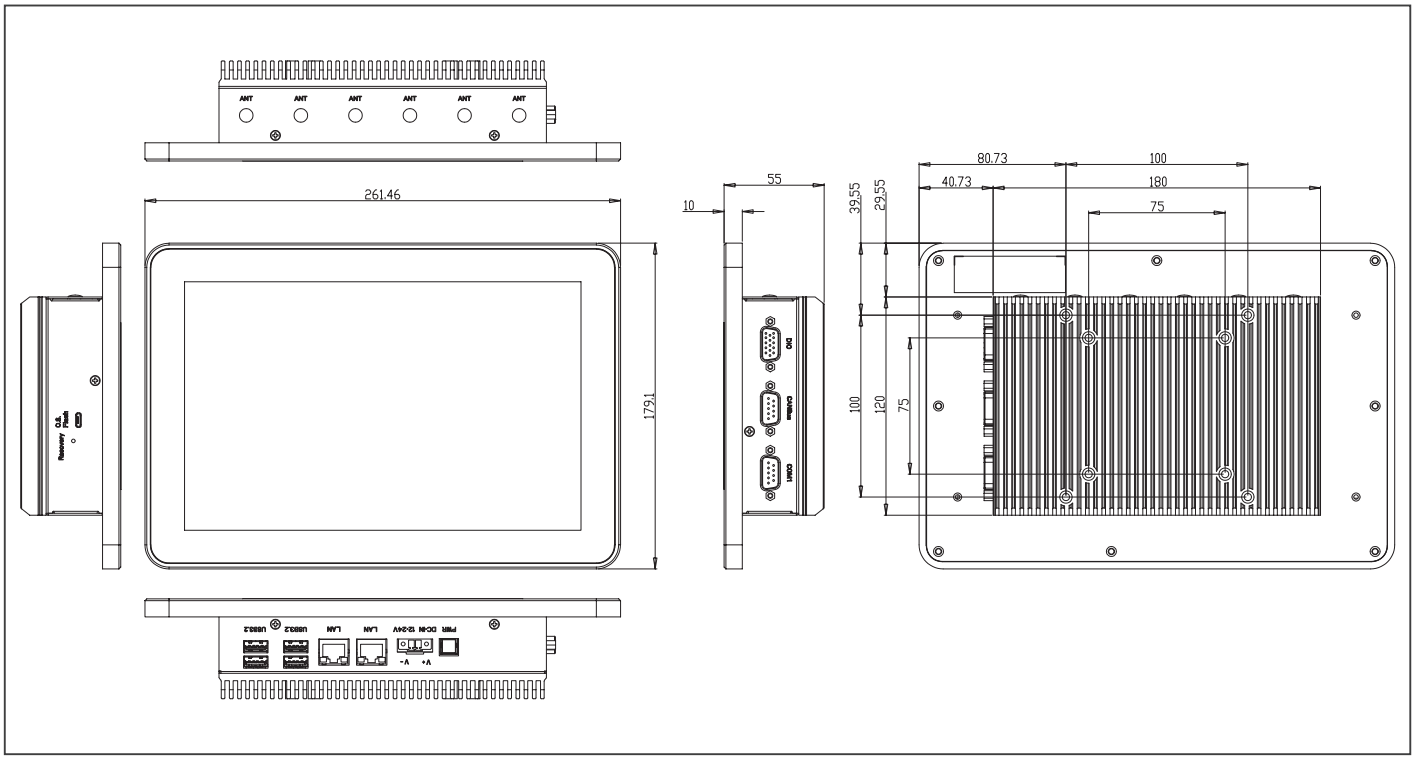
Specifications

System	
Processor	NVIDIA® Jetson Orin Nano™ 6-core Arm® Cortex®-A78AE v8.2 64-bit CPU
System Memory	8GB LPDDR5
LCD/CRT controller	—
Ethernet	GbE LAN x 2
I/O Port	USB 3.2 Gen 2 (Type-A) x 4 GbE LAN x 2 Micro USB x 1 for OS Flash DB-9 x 1 for CANBus DB-9 x 1 for RS-232/422/485 DB-15 x 1 for 8-bit DIO Power ON/OFF Switch x 1 Recovery Button x 1 Antenna Hole x 6
Storage Disk Drive	M.2 2280 M-Key x 1 for Storage (Default: 128GB)
Expansion Slot	M.2 2230 E-Key x 1 M.2 3042/3052 B-Key x 1
OS support	NVIDIA® Jetson™ Linux 36.4.4
Mechanical	
Construction	Aluminum Front Bezel + Metal Chassis
Mounting	VESA 75 / 100
Dimension	10.29" x 7.05" x 2.17" (261.46mm x 179.1mm x 55mm)
Carton Dimension	13.35" x 10.24" x 5.98" (339mm x 260mm x 152mm)
Gross Weight	3.75 lb. (1.7Kg)
Environmental	
Operating Temperature	23°F ~ 131°F (-5°C ~ 55°C) with airflow
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Storage Humidity	90% @ 40°C, non-condensing
Vibration	1Grms / 5~ 500Hz / operation
Shock	15 G peak acceleration (11 msec. duration)
EMC	CE/FCC Class A
Power Supply	
DC Input	DC 12~24V
LCD	
Display Type	10.1" TFT-LCD, LED
Max Resolution	1280 (H) x 800 (V)
Max. Colors	262K Colors
Luminance	400 nit cd/m² (Typical)
Viewing Angle	170° (H) / 170° (V)
Back Light	LED
Back Light MTBF (Hours)	25,000
Touchscreen	
Type	Projected Capacitive Multi-Touch
Light Transmission	≥ 84%

Note: All specifications are subject to change without notice.

Dimension

Unit: mm



Packing List

- ACP-4100-NANO
- Phoenix Power Connector
- Screws

Optional Accessories

Part Number	Description
1255300611	12V 60W Power Adapter
170X000799	Power Cord (US Type)
170X001024	Power Cord (European Type)
170X000803	Power Cord (Japanese Type)

Ordering Information

Part Number	Display Type	Resoulution	Luminance	View Angle	Backlight MTBF	GPU	LAN	USB	RS-232/422/485	Storage	RAM	Display	Expansion	Mount-ing	Power	Operating Temp.	Touch
ACP-4100-NANO-A1-1010	10.1" TFT LCD	1280 x 800	400 cd/m2	170(H), 170(V)	25,000 Hrs	NVIDIA® Jetson Orin Nano™	2	USB 3.2 Gen 2 x 4	1	M.2 2280 M-Key x 1 for Storage (Default: 128GB)	8GB	HDMI	M.2 2230 E-Key x 1 M.2 3042/3052 B-Key x 1	VESA 75/100	DC 12 ~ 24V	23°F ~ 131°F (-5°C ~ 55°C)	P-CAP