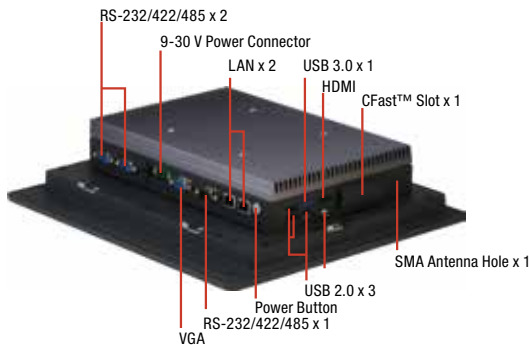


03 OMNI-5125-BT

Industrial Modular Touch Panel PC Solutions

12.1" All-In-One Fanless Touch Panel PC with Intel® J1900 Processor



Features

- 12.1" (1024 x 768) Color TFT LCD Display
- Intel® Bay Trail J1900 Processor
- Project Capacitive Multi-Touch
- IP65 Front Bezel Design
- Aluminum Design
- Fanless Operation
- VESA 100/ Panel Mount/ Stand Support
- DC 9~30V With Power Protection

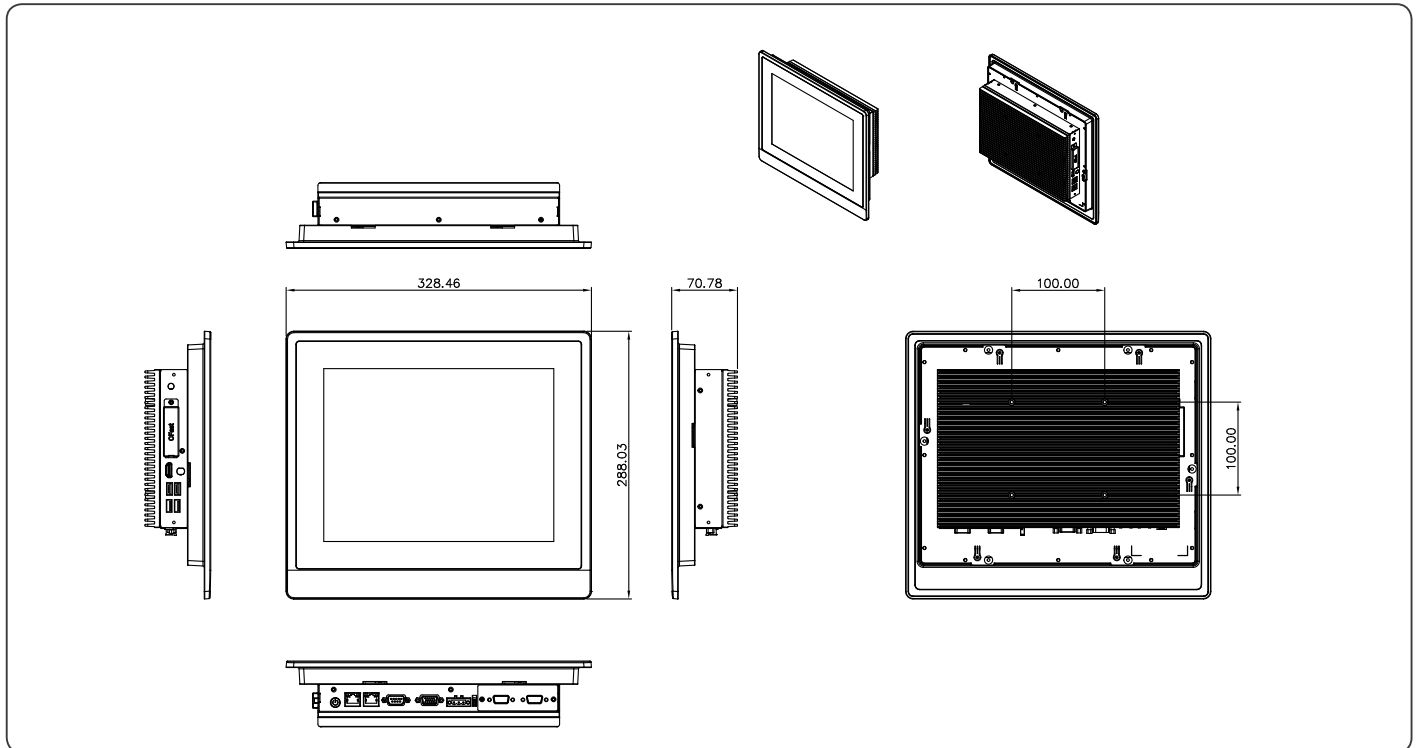


Specifications

System	
Processor	Intel® BayTrail J1900 processor, 2 GHz
System Memory	204 Pin DDR3L 1333MHz SODIMM, Max. 8GB
Ethernet	10/100/1000Base-TX, RJ-45 x 2
I/O Port	DB-9 Type RS-232/422/485 x 2 DB-9 Type RS-232 x 1 DB-15 Type VGA x 1 Type A USB 2.0 x 3 Type A USB 3.0 x 1 HDMI x 1 CFast x 1 Line-out x 1 3-pin terminal block Power Input x 1 LED Power on/off switch x 1 (Power on = Orange, Power off =N/A)
Storage Disk Drive	CFast Socket x 1 SATA 2.5" HDD bay x 1
Expansion Slot	Full Size mini card x 2 SIM card x 1
OS support	Window® 7, Window® 8.1, Window® 10, Linux Kernel 2.6.x or higher
Mechanical	
Front Panel	Aluminum Design
Mounting	VESA 100/ Panel Mount/ Stand
Dimension	329 x 288 x 71 mm
Carton Dimension	530(L) x 445(W) x 200(H) mm
Gross Weight	6.1 kg
Environmental	
Operating Temperature	-20°C ~ 60°C with 0.5 m/s airflow
Storage Temperature	-20°C ~ 70°C
Storage Humidity	90% @40°C; non-condensing
Power Supply	
DC input	DC 9 (min) ~ 30 (max) V w/3-pin terminal block, ATX Power function
LCD	
Display type	12.1" TFT-LCD
Max Resolution	1024 x 768
Max. Colors	16.2M
Luminance	500 cd/m ²
Contrast	700:1
Viewing Angle	160°(H), 160°(V)
Back Light	LED
Back Light MTBF (hours)	50K
Touch Screen	
Type	P-CAP Touchscreen/Resistive Touch screen
Light Transmission	>90%

Dimension

Unit: mm



Ordering Information

Part Number	Display Type	Max Resolution	Luminance	View Angle	Backlight MTBF	CPU	LAN	USB 3.0	USB 2.0	RS-232	RS-232/422/485	Storage	RAM	Display	Expansion	Mounting	Power	Temp.	Touch
OMNI-5125HTT-BT-A1-1010	12.1" TFT-LCD	1024 x 768	500 cd/m ²	160(H) / 160(V)	50,000	Intel® J1900, 2GHz	2	1	3	1	2	2.5" SATA HDD x 1 CFast x 1	Support DDR3L, up to 8GB	HDMI x 1 VGA x 1	Full Size mini card x 2	Stand, Panel, VESA 100	DC 9~30V	-20°C ~ 60°C (w/ airflow)	Resistive Touch
OMNI-5125HTT-BT-A3-1010	12.1" TFT-LCD	1024 x 768	500 cd/m ²	160(H) / 160(V)	50,000	Intel® J1900, 2GHz	2	1	3	1	2	2.5" SATA HDD x 1 CFast x 1	Support DDR3L, up to 8GB	HDMI x 1 VGA x 1	Full Size mini card x 2	Stand, Panel, VESA 100	DC 9~30V	-20°C ~ 60°C (w/ airflow)	PCAP T/S

Note: *RAM not included.

*This All-In-One Panel PC not support OMNI I/O modules.

Packing List

- Phoenix Power Connector
- Product DVD
- OMNI-5125-BT

Optional Accessories

- **AP-0T9789LA1000**
LCD monitor Stand 230mm, LA-100
- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)
- **1255900841**
12V 84W Power Adapter w/ 3pin Terminal Block
- **968D3002GW**
2GB DDR3L RAM From -40°C to 85°C
- **968D304G02**
4GB DDR3L RAM From -40°C to 85°C
- **968D308G02**
8GB DDR3L RAM From -40°C to 85°C

*AAEON suggest users to adopt wide operation temperature RAM or HDD devices.