

7" Ultra-Slim Fanless Multi-Touch Pnael PC with Intel J1900/N2807, 2GB RAM



Features

- 7" WSVGA (1024 x 600) Color TFT LCD Display
- Intel N2807/J1900 Processor
- Wide Flatscreen with P-CAP Multi-Touch (2-point)
- 7H Anti-scratch Surface
- Aluminum Design
- IP65 Compliant
- Fanless Operation
- VESA 75/Panel Mount/ Stand Support



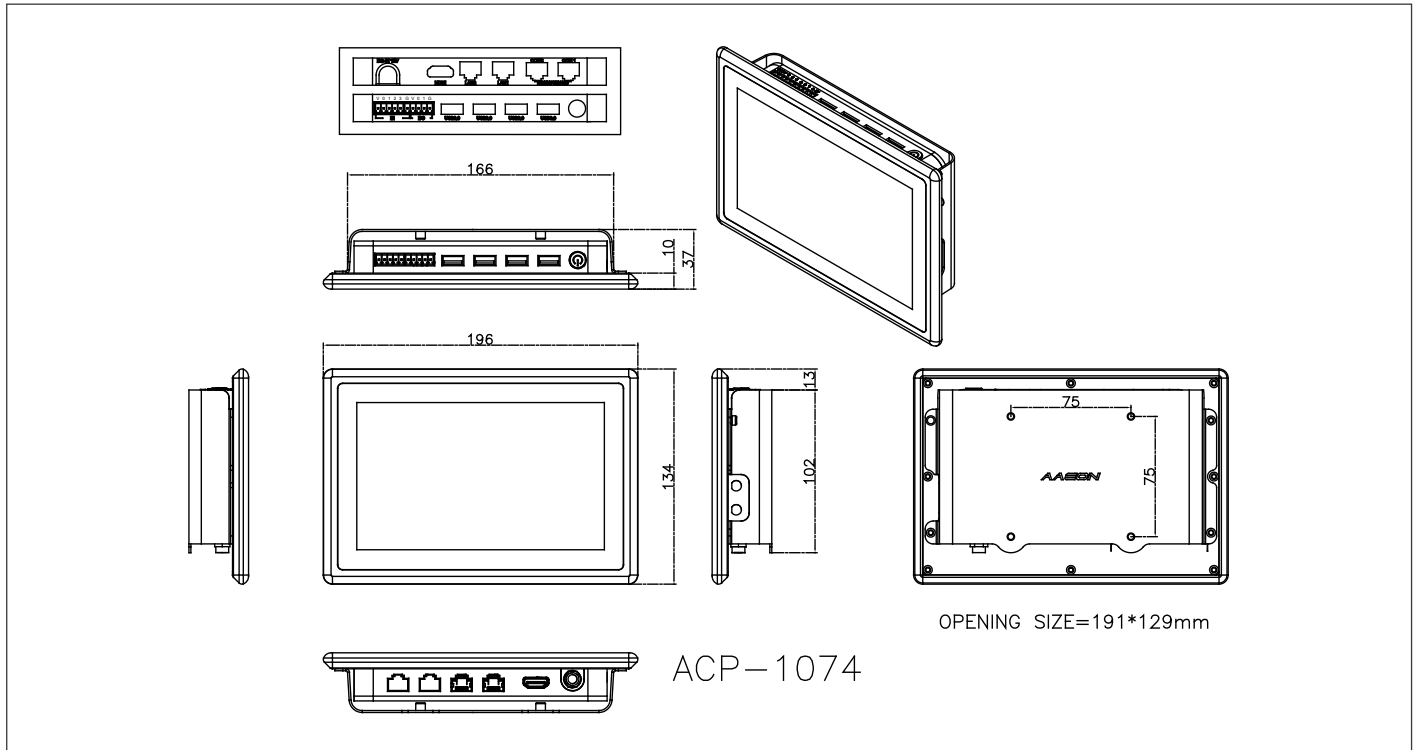
Specifications

System	
Processor	Intel® N2807 processor, 1.58 GHz Intel® J1900 processor, 2 GHz
System Memory	204-Pin DDR3L SODIMM x 1, default 2GB, up to 8 GB (J1900) 204-Pin DDR3L SODIMM x 1, default 2GB, up to 4 GB (N2807)
LCD/CRT controller	Integrated in processor
Ethernet	10/100/1000Base-TX, RJ-45 x 2
I/O Port	RJ-45 type RS-232/422/485 x 2 USB 2.0 x 3 USB 3.0 x 1 HDMI x 1 RJ-45 10/100/1000 LAN x 2 DI/O (4DI, 2DO)BIOS Selection Lockable power input connector Power switch x 1
Storage Disk Drive	Half size mSATA storage x 1 (Installation by AAEON recommended)
Expansion Slot	Full size Mini-Card x 1
OS support	Window® 7, Window® 8.1, Window® 10, Linux kernel 2.6.3 or above
Mechanical	
Construction	Aluminum Design
Mounting	VESA 75/ Panel mount/ Stand
Dimension	—
Carton Dimension	—
Gross Weight	—
Environmental	
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C) without airflow 23°F ~ 131°F (-5°C ~ 55°C) with airflow
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Storage Humidity	5%~90% @40°C, non-condensing
Vibration	1 Grms/ 5 ~ 500Hz/ operation – with HDD
Shock	15G peak acceleration (11 msec. duration) – with HDD
EMC	CE/FCC class A
Power Supply	
DC Input	DC12V, with lockable power adapter
LCD	
Display type	7" TFT-LCD, LED
Max Resolution	1024 x 600
Max. Colors	26M colors (6/8-bit for R,G,B)
Luminance	250 cd/m ²
Viewing Angle	150°(H), 145°(V)
Back Light	LED
Back Light MTBF (hours)	20,000
Touchscreen	
Type	Projected capacitive multi-touch (2-point)
Light Transmission	90%

ACP-1074

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
ACP-1074HTT-A1-1010	7" TFT-LCD	1024 x 600	250 cd/m ²	150°(H)/145°(V)	15,000	Intel J1900, 2 GHz	2	1	3	—	2	Half Size mSATA x 1	2G DDR3L RAM Include	VGA x 1	—	Panel Mount/VESA 75/Stand	DC 12V	0°C ~ 50°C (w/o airflow) -5°C ~ 55°C (w/ airflow)	Projective capacitive multi-touch (2-point)
ACP-1074HTT-A3-1010	7" TFT-LCD	1024 x 600	250 cd/m ²	150°(H)/145°(V)	15,000	Intel N2807, 1.58 GHz	2	1	3	—	2	Half Size mSATA x 1	2G DDR3L RAM Include	VGA x 1	—	Panel Mount/VESA 75/Stand	DC 12V	0°C ~ 50°C (w/o airflow) -5°C ~ 55°C (w/ airflow)	Projective capacitive multi-touch (2-point)
ACP-1074HTT-B1-1010	7" TFT-LCD	1024 x 600	250 cd/m ²	150°(H)/145°(V)	15,000	Intel J1900, 2 GHz	2	1	3	—	2	Half Size mSATA x 1	2G DDR3L RAM Include	VGA x 1	WiFi	Panel Mount/VESA 75/Stand	DC 12V	0°C ~ 50°C (w/o airflow) -5°C ~ 55°C (w/ airflow)	Projective capacitive multi-touch (2-point)
ACP-1074HTT-B3-1010	7" TFT-LCD	1024 x 600	250 cd/m ²	150°(H)/145°(V)	15,000	Intel N2807, 1.58 GHz	2	1	3	—	2	Half Size mSATA x 1	2G DDR3L RAM Include	VGA x 1	WiFi	Panel Mount/VESA 75/Stand	DC 12V	0°C ~ 50°C (w/o airflow) -5°C ~ 55°C (w/ airflow)	Projective capacitive multi-touch (2-point)

Packing List

- **1255300607**
Lockable Power Adapter
- **1700090156 x 2**
RJ-45 to COM Cable
- **VESA Mount Kit**
- **Panel Mount Kit**
- **VESA Screws**
- **Product CD**
- **ACP-1704**

Optional Accessories

- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)
- **M041073020**
Stand Kit

Half Size mSATA Storage Device:

- **968C008G0G**
(TF)Half-sized, 8 GB, mSATA SSD, MLC, -40°C ~ +85°C
- **968C016G3G**
(TF)Half-sized, 16 GB, mSATA SSD, MLC, -40°C ~ +85°C
- **968C032G37**
(TF)Half-sized, 32 GB, mSATA SSD, MLC, -40°C ~ +85°C
- **968C064G1E**
(TF)Half-sized, 64 GB, mSATA SSD, MLC, -40°C ~ +85°C

- **968C128G1H**
(TF)Half-sized, 128 GB, mSATA SSD, MLC, -40°C ~ +85°C

Note : AAEON factory-installed mSATA HDD is strongly recommended.

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