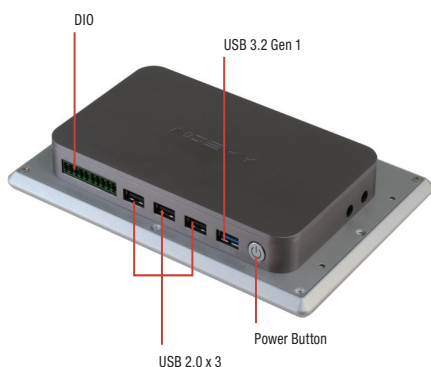
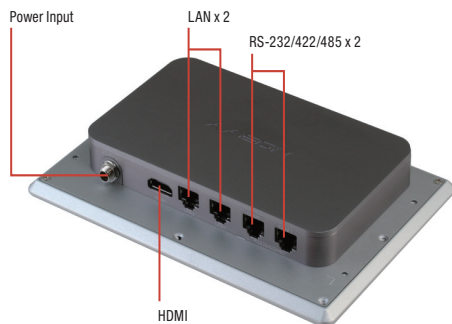


ACP-1074

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

All in One Panel PC Solutions: ACP Series



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



System	
Processor	Intel® N2807 processor, 1.58 GHz Intel® Celeron® 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	10/100/1000 Base-TX, RJ-45 x 2
I/O Port	RJ-45 type RS-232/422/485 x 2 USB 2.0 x 3 USB 3.2 Gen 1 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	Windows® 7, Windows® 8.1, Windows® 10, Linux kernel 2.6.3 or higher
Mechanical	
Construction	Aluminum Design
Mounting	VESA 75/ Panel mount/ Stand
Dimension	7.71" x 5.27" x 1.18" (196mm x 134mm x 30mm)
Carton Dimension	13.58" x 7.87" x 9.64" (345mm x 200mm x 245mm)
Gross Weight	5.5 lb (2.5 kg)
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	16.7M
Luminance	320 cd/m²
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%

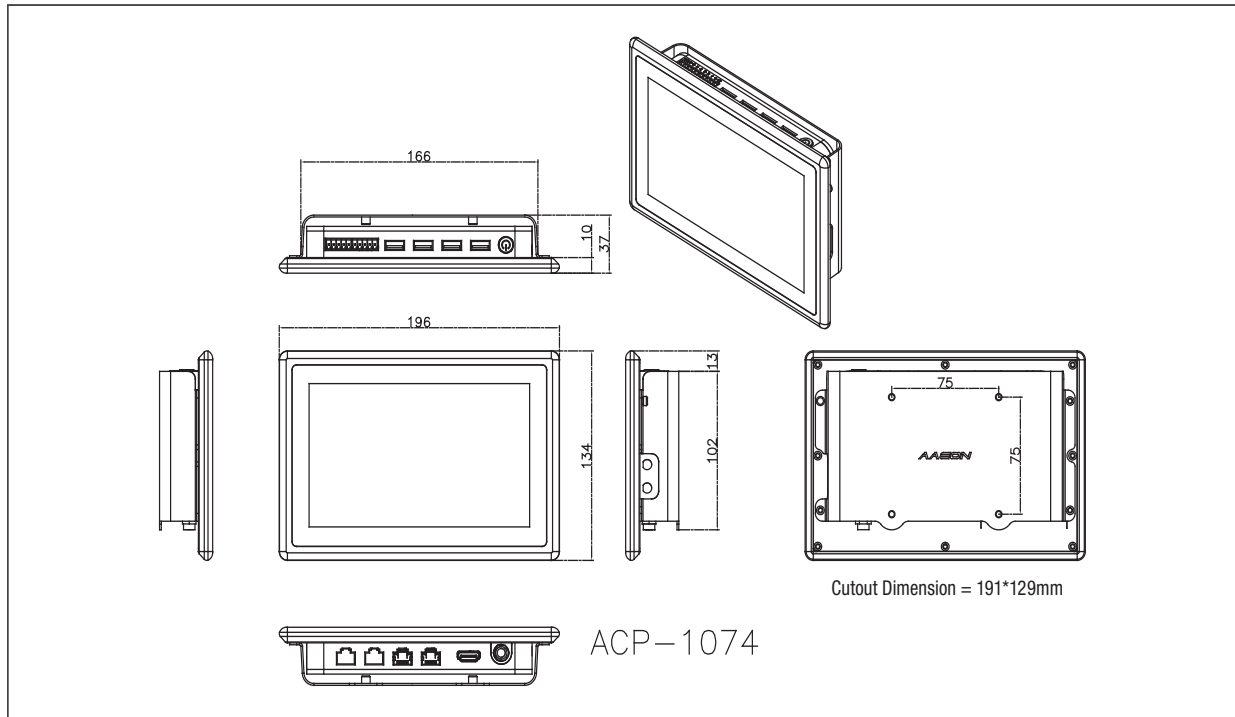
ACP-1074

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All in One Panel PC Solutions: ACP Series

Dimension

Unit: mm



Ordering Information

Part Number	Display Type	Max Resolution	Luminance	View Angle	Backlight MTBF	CPU	LAN	USB 3.2 Gen 1	USB 2.0	RS-232	RS-232 /422/485	Storage	RAM	Display	Expansion	Mounting	Power	Temp.	Touch
ACP-1074HTT-A1-1013	7" TFT-LCD	1024 x 600	320 cd/m²	150°(H)/145°(V)	20,000	Intel® Celeron® J1900, 2 GHz	2	1	3	—	2	Half Size mSATA x1	2G DDR3L RAM Include	VGA x1	—	Panel Mount/VESA 75/Stand	DC 12V	0°C ~ 50°C (w/o airflow) -3°F ~ 131°F (-5°C ~ 55°C) (w/ airflow)	Projected Capacitive multi-touch (2-point)
ACP-1074HTT-A3-1013	7" TFT-LCD	1024 x 600	320 cd/m²	150°(H)/145°(V)	20,000	Intel® N2807, 1.58 GHz	2	1	3	—	2	Half Size mSATA x1	2G DDR3L RAM Include	VGA x1	—	Panel Mount/VESA 75/Stand	DC 12V	0°C ~ 50°C (w/o airflow) -3°F ~ 131°F (-5°C ~ 55°C) (w/ airflow)	Projected Capacitive multi-touch (2-point)
ACP-1074HTT-B1-1013	7" TFT-LCD	1024 x 600	320 cd/m²	150°(H)/145°(V)	20,000	Intel® Celeron® J1900, 2 GHz	2	1	3	—	2	Half Size mSATA x1	2G DDR3L RAM Include	VGA x1	WiFi	Panel Mount/VESA 75/Stand	DC 12V	0°C ~ 50°C (w/o airflow) -3°F ~ 131°F (-5°C ~ 55°C) (w/ airflow)	Projected Capacitive multi-touch (2-point)
ACP-1074HTT-B3-1013	7" TFT-LCD	1024 x 600	320 cd/m²	150°(H)/145°(V)	20,000	Intel® N2807, 1.58 GHz	2	1	3	—	2	Half Size mSATA x1	2G DDR3L RAM Include	VGA x1	WiFi	Panel Mount/VESA 75/Stand	DC 12V	0°C ~ 50°C (w/o airflow) -3°F ~ 131°F (-5°C ~ 55°C) (w/ airflow)	Projected Capacitive multi-touch (2-point)

Packing List

- 125530060Y
Lockable Power Adapter
- 1700090156 x 2
RJ-45 to COM Cable
- VESA Mount Kit
- Panel Mount Kit
- VESA Screws
- ACP-1074

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:

- 968C008G1M
(TF)Half-sized, mSATA SSD, MLC, -40°C ~ +85°C
- AP-SS968C016G3N
(TF)Half-sized, 16 GB, mSATA SSD, MLC, -40°C ~ +85°C
- 968C032G3Q
(TF)Half-sized, 32 GB, mSATA SSD, MLC, -40°C ~ +85°C
- AP-SS9C1064G003
(TF)Half-sized, 64 GB, mSATA SSD, MLC, -40°C ~ +85°C
- AP-SS968C128G1V
(TF)Half-sized, 128 GB, mSATA SSD, MLC, -40°C ~ +85°C
- 9C1030G002
(TF)Half-size, 30GB.mSATA SSD, 3D TLC, -40°C~85°C
- 9C1060G002
(TF)Half-size, 60GB.mSATA SSD, 3D TLC, -40°C~85°C
- 9C1120G002
(TF)Half-size,120GB.mSATA SSD, 3D TLC,-40°C~85°C
- 9C1240G001
(TF)Half-size, 240GB.mSATA SSD, 3D TLC, -40°C~85°C

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

Note: All specifications are subject to change without notice.

www.aaeon.com

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Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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