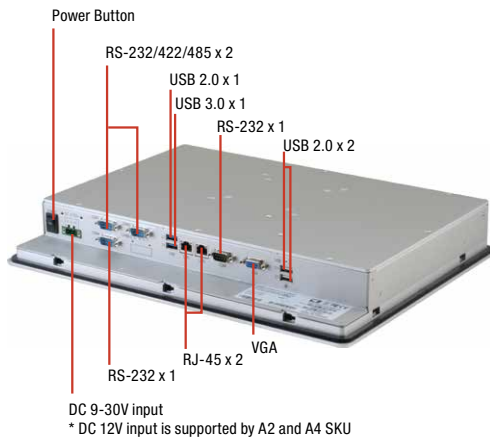


# 01 AHP-1154

Industrial HMI Touch Panel Solutions

15" XGA HMI Touch Panel PC with Onboard Intel® Celeron® J1900/N2807 Processor, 2 GB RAM



## Features

- Intel® Celeron® J1900, 2.0 GHz/ N2807, 1.58 GHz
- 15" LCD with 450 nits XGA LED Backlight
- IP65 Plastic Front Bezel
- RS-232/422/485 x 2, RS-232 x 2
- Fanless Operation
- Support DC 12V/ DC 9~30V

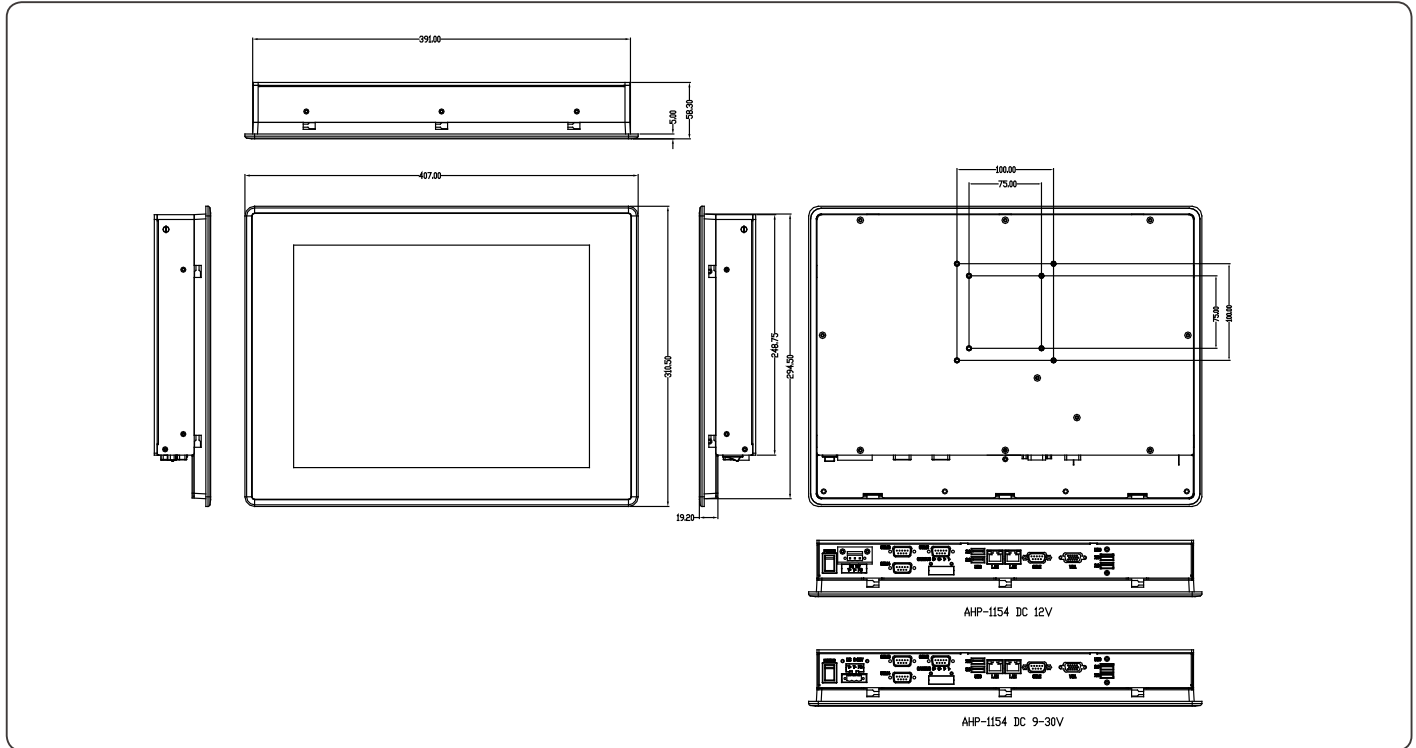


## Specifications

System	
Processor	Intel® Celeron® J1900 .2 GHz / N2807, 1.58 GHz
System Memory	204-pin DDR3L 1333MHz SODIMM x 1, up to 8 GB (J1900), 4 GB (N2807) Default 2 GB
LCD/CRT Controller	Integrated in processor
Ethernet	10/100/1000Base-TX, RJ-45 x 2
I/O Port	USB type A x 1 for USB 3.0 USB type A x 3 for USB 2.0 DB-9 for RS-485/422/232 x 2 (COM2, COM3) DB-9 for RS-232 x 2 RJ-45 x 2 for 10/100/1000Base-TX DB-15 x 1 for VGA 3-pin terminal block x 1 Power button x 1
Storage Disk Drive	CFast™ Socket x 1 SATA 2.5" HDD bay x 1
Expansion Slot	Mini-Card x 2 (Full Size, Half Size)
OS support	Windows® 10, Windows® 8.1, Windows® 7, WES 7, Linux kernel 2.6.x or above, Android 4.4.4
Mechanical	
Construction	Plastic (ABS) front bezel + metal chassis
Mounting	VESA 100/ VESA 75/ Panel mount
Dimension	16.02" x 12.22" x 2.3" (407mm x 310.5mm x 58.3mm)
Gross Weight	14.96 lb (6.8 kg)
Environmental	
Operating Temperature	-10°C ~ 60°C with 0.5 m/s airflow (N2807) -10°C ~ 50°C with 0.5 m/s airflow (J1900)
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Storage Humidity	90% @40°C, non-condensing
Power Supply	
DC input	DC 12V/DC 9 ~ 30 V
LCD	
Display type	15" TFT-LCD, LED backlight
Max Resolution	1024 x 768
Max. Colors	16.7M colors (8-bit for R,G,B)
Luminance	450 cd/m <sup>2</sup>
Viewing Angle	160°(H), 140°(V)
Back Light MTBF (Hours)	100,000
Touchscreen	
Type	5-wire, analog resistive
Light Transmission	80%
Life Time	10 million activations

## Dimension

Unit: mm



## Ordering Information

Part Number	Display Type	Max. Resolution	Luminance	View Angle	Backlight MTBF (Hours)	CPU	LAN	USB	RS-232	RS-485/422/232	Storage	RAM	Display	Expansion	Mounting	Power	Temp.	Touch
AHP-1154HTT-A1-1011	15" TFT-LCD	1024 x 768	450	160°(H), 140°(V)	100,000	Intel® Celeron® J1900, 2 GHz	2	4	2	2	CFast™ Socket x 1 SATA 2.5" HDD bay x 1	2GB	VGA x 1	Mini-Card x 2 (Full-size, Half-size)	VESA 100/ VESA 75/ Panel mount	DC 9 ~ 30V	-10°C ~ 50°C with 0.5 m/s airflow	5-wire resistive
AHP-1154HTT-A2-1011	15" TFT-LCD	1024 x 768	450	160°(H), 140°(V)	100,000	Intel® Celeron® J1900, 2 GHz	2	4	2	2	CFast™ Socket x 1 SATA 2.5" HDD bay x 1	2GB	VGA x 1	Mini-Card x 2 (Full-size, Half-size)	VESA 100/ VESA 75/ Panel mount	DC 12V	-10°C ~ 50°C with 0.5 m/s airflow	5-wire resistive
AHP-1154HTT-A3-1011	15" TFT-LCD	1024 x 768	450	160°(H), 140°(V)	100,000	Intel® Celeron® N2807, 1.58 GHz	2	4	2	2	CFast™ Socket x 1 SATA 2.5" HDD bay x 1	2GB	VGA x 1	Mini-Card x 2 (Full-size, Half-size)	VESA 100/ VESA 75/ Panel mount	DC 9 ~ 30V	-10°C ~ 60°C with 0.5 m/s airflow	5-wire resistive
AHP-1154HTT-A4-1011	15" TFT-LCD	1024 x 768	450	160°(H), 140°(V)	100,000	Intel® Celeron® N2807, 1.58 GHz	2	4	2	2	CFast™ Socket x 1 SATA 2.5" HDD bay x 1	2GB	VGA x 1	Mini-Card x 2 (Full-size, Half-size)	VESA 100/ VESA 75/ Panel mount	DC 12V	-10°C ~ 60°C with 0.5 m/s airflow	5-wire resistive

## Packing List

- Phoenix Power Connector
- Mounting Brackets and Screws
- Product DVD
- AHP-1154

## 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/ 3-pin Terminal Block
- **9761115400**  
Wireless Module
- **OS-WES7-010-01154-EN**  
WES7 for AHP-1154 (32-bit)
- **OS-WES7-020-01154-EN**  
WES7 for AHP-1154 (64-bit)