

Reliable Automation & Infotainment Panel PCs

Discover the Most Innovative Panel PC Platforms



AAEON Panel PCs & Displays

Ideal for Industrial & Infotainment

AAEON offers a series of automation and infotainment panel PCs aimed at vertical market applications. They are well-suited to be used on heavy-duty machines, factory automation, environmental monitoring, transportation, check-in POI, retail shops, to name a few.

Infotainment

Shopping Malls



Hotel Check-in System



Convenience Stores



Meeting Rooms



Innovative Panel PC Product Line

AAEON offers a series of Panel PCs to fit numerous applications. For industrial automation and infotainment markets, each product line is designed with unique features that meet application-specific requirements, such as wide temperature HMI, dustproof and waterproof IP67 design, multi-touch, anti-scratch and remote display.

Industrial Automation Touch Panel PCs

Cost Effective HMI Panel PCs (AHP-1000 Series)

- Intel® Atom™ Series
- Fanless design and low power consumption CPU
- Multiple panel sizes from 7" ~ 15"
- IP65 certified plastic front bezel
- Compatible with thin client and SCADA software



Rugged Stainless Steel Panel PCs (AFP-6000 Series)

- Intel® Atom™ Series
- Stainless Steel Type 316L enclosure
- NEMA4x/IP66 rated
- Anti-scratch resistive T/S
- Wide temperature design: -20°C ~ 50°C



Rugged and Wide Temperature Panel PCs (AHP-2000 Series)

- Intel® Atom™ Series
- Wide temperature design: -20°C ~ 60°C
- Wide range power input: 9V ~ 30V DC
- IP65 aluminum die cast front bezel
- Easy access front USB port



Rugged IP67 Waterproof Panel PCs (FOX Series)

- Intel® Atom™ Series
- IP67 waterproof/dustproof design
- Aluminum die cast enclosure
- Anti-fog and sunlight readable
- Brightness adjustment



Ultra Slim Multi-Touch Panel PC (ACP-1000 Series)

- Intel® Atom™ series
- Ultra Slim, Fanless Panel PC
- Projected capacitive touch screen
- Anti-scratch front display: Hardness 7H
- IP65 compliant front bezel design



For the Industrial Automation market, AAEON provides the durable AHP-1000/2000, AGP-3000, AFP-6000, FOX-100 and AGD-300D Series. For the Infotainment market, AAEON offers the high impact and user friendly ACP-5000, ACD-500D, ACD-500R Series.

Industrial Automation Touch Display

Rugged Industrial Touch Displays (AGD-300D Series)

- Wide temperature design: -20°C ~ 60°C
- Front menu buttons
- Wide range power input: 9V ~ 30V DC
- Flexible RS-232/USB interface for T/S



Rugged Industrial Touch Remote Displays (AGD-300R Series)

- Wide temperature design: -20°C ~ 60°C
- Wide range power input: 9V ~ 30V DC
- Extend video/audio by ethernet TCP/IP
- Provide one to one, one to multiple, cascade, digital wall structure



IP67 Waterproof Displays (FOX-100D Series)

- IP67 waterproof/dustproof design
- Brightness adjustment
- Aluminum die cast enclosure
- Anti-fog and Sunlight Readable



Infotainment Multi-touch Panel PCs & Displays

Infotainment Multi-touch Panel PCs (ACP-5000 Series)

- Projected capacitive multi-touch
- IP65/IPX1 waterproof design
- Multiple expansion: MSR/barcode
- Anti-scratch front display: 7H



Infotainment Multi-touch Displays (ACD-500D Series)

- IP65/IPX1 waterproof design
- Projected Capacitive Touch Screen
- Anti-scratch front display: 7H
- Flexible DVI/VGA input



Infotainment Multi-touch Remote Displays (ACD-500R Series)

- Extend video/audio by ethernet TCP/IP
- Show same video without lag
- Provide one to one, one to multiple, cascade, digital wall structure
- Remote display and remote management
- One host PC to Multi-client displays via TCP/IP



Cost Effective HMI Panel PCs

AAEON's AHP-1000 Series is fanless design and powered by low power consumption and high performance Intel® Atom™ processors. The AHP-1000 Series is designed with IP65 rated waterproof and dustproof plastic front bezels and come in 7", 8.4", 12.1" and 15" sizes. These cost-effective Panel PCs are well-suited for factory floors, manufacturing lines, monitoring and control rooms and building automation. All AHP-1000 Series are powered by Invensys InTouch CE and ACP thin client.

Alliance with Invensys InTouch SCADA & ACP Thin Client Software

The AHP-1000 Series is designed to be slim and compact to conveniently fit into applications with space constraints and are available in 7", 8.4", 12.1" and 15" sizes. The AHP-1000 Series is also in alliance with Invensys for SCADA software and with ACP for client software.



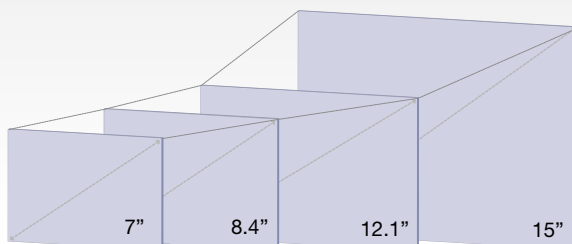
Cost-effective & High Performance

For customers with cost constraints, the AHP-1000 Series is the best option for an industrial grade, waterproof touch Panel PC that does not compromise performance for cost. The AHP-1000 Series offers multiple expansion features including mini cards for 3G/WiFi/GSM/GPS and is easy on the budget.



Complete Product Line

- The AHP-1000 Series comes in 7", 8.4", 12.1" and 15" sizes



Cost Effective

- Cost-effective and high performance, powered by Intel® Atom™ processors



AHP-1000 Series



Applications Include:

- Factory Automation
- Building Automation
- Central Control Rooms

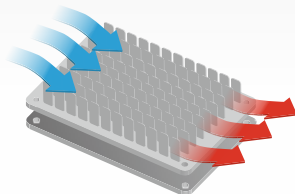
IP65 Compliant

- IP65 compliant plastic front bezel



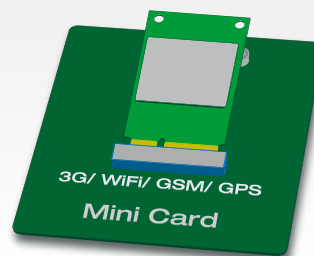
Fanless Cooling System

- Reliable fanless design



Mini Card Expansion

- Mini Card for 3G/WiFi/GSM/GPS



Rugged and Wide Temperature Panel PCs

AAEON's AHP-2000 Series is designed for harsh environments such as military, metal refineries, processing plants, oil refineries, wastewater treatment where heavy duty industrial monitoring and control is required. Designed to operate in harsh environments, the AHP-2000 Series highlights up to 1000 nits high luminance panels, IP65 rated waterproof and dustproof front bezel, wide operating temperature range from -20°C to 60°C (-4°F to 140°F) and power input protection such as over-voltage, low-voltage and reverse-input protection for enhanced safety operations.

Designed For Harsh Environments

Ruggedly designed for harsh environments, the AHP-2000 Series uses IP65 rated aluminum die cast front bezels and provides wide operating temperature range from -20°C to 60°C (-4°F to 140°F). The AHP-2000 Series meet critical vibration, shock and drop standards for reliable operation under most indoor or outdoor heavy duty operating conditions.

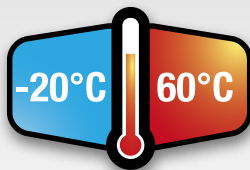
Power Input Protection

The AHP-2000 Series is built with power input protection for over-voltage, low-voltage and reverse-input, making it safer and more reliable for operators to use in various applications.



Wide Temperature

- Extreme operating temperature -20°C ~ 60°C (-4°F ~ 140°F)



Power Protection

- Over-voltage protection
- Low-voltage protection
- Reverse-input protection
- Surge protection: 1000V DC



Rich I/O Port Support

- Front USB x 2, USB x 4 on rear
- LAN x 2
- RS-232 and RS-232/422/485 with auto-flow control
- Front OSD



AHP-2000 Series



Applications Include:

- Heavy Industry Factory Automation
- Production Line Automation
- Environment Monitoring
- Military

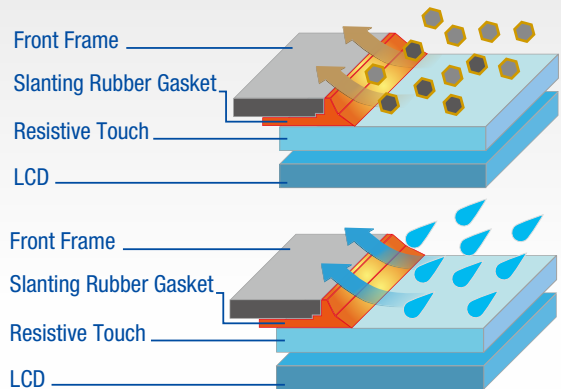
Rugged Design

- Aluminum die cast front bezel and heavy duty rear metal chassis



Dustproof and Waterproof

- Dustproof and waterproof on LCD edge



Ultra Slim Multi-Touch Panel PCs

The ACP-1000 Series are industrial grade ultra slim Multi-touch Panel PC for automation and information applications use. Slim size with 32mm (1.26") thickness and provides wall mount, VESA mount and stand kit, makes ACP-1000 Series easily installed in any space constrained location. The IP65 aluminum front bezel design and superior thermal solution can fulfill all customer's application needs.

Ultra-Slim Mechanism Design

Ultra-slim design with 32mm and elegant Mechanism Out-looking design allows user to easily install everywhere in infotainment or automation applications.



IP65 Full-Flat Surface Design

The ACP-1000 Series offers waterproof and dustproof designs with a IP65 anti-scratch touch screen (hardness 7H) front to avoid damage incurred by water, solid particle ingress or rough usage.



IP65 Full Flat Surface

- IP65 protection against water jet spray



Front

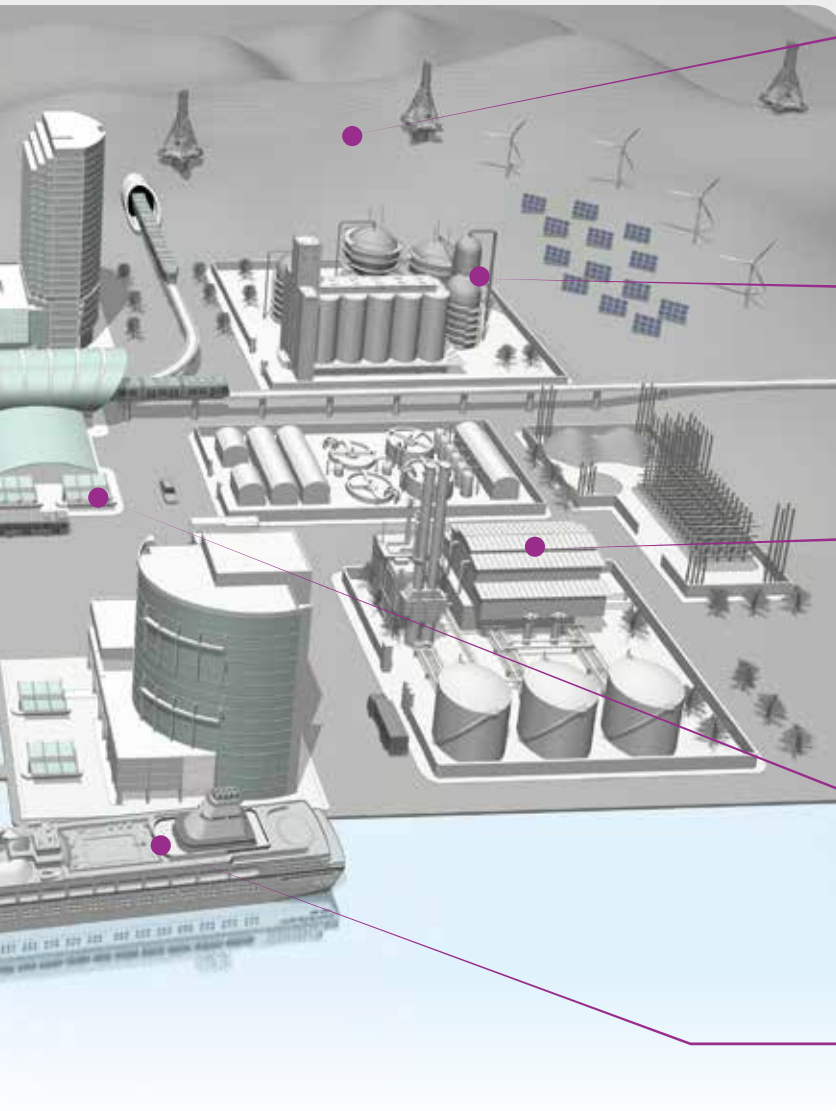
Projective Capacitive Multi-Touch

- Supports 2-point multi-touch for easy operation
- Supports Zoom-in/out



For the past 20 years, AAEON products remain highly esteemed for their system reliability and outstanding performance. Flexible customization services are also available to guarantee quick time-to-market for OEM/ODM customers who require product differentiation and branding.

Industrial Automation



Heavy-duty Machine



Energy and Utility



Factory Automation



Bus Systems



Harbor, Shipping, Warehouse



ACP-1000 Series



Applications Include:

- Home Automation
- Equipment Automation
- Retail



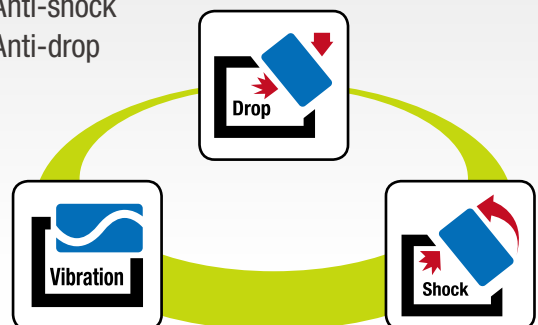
Easy For Installation Everywhere

- Supports VESA 100/ Wallmount/ Desktop Mount



Safety Mechanism Design

- All enclosure aluminum design
- Anti-vibration
- Anti-shock
- Anti-drop



Infotainment Multi-Touch Panel PCs

AAEON's ACP-5000 Series Panel PC is ideal for public infotainment and digital signage applications. It is powered by a multi-touch projected capacitive touch screen. To increase durability and reliability, the ACP-5000 Series comes with an IP65 waterproof front with anti-scratch touch screen (hardness 7H) and an IPX1 back cover, which provides protection against spilled water. The front uses a "non-gap" design for easy cleaning and provides a user-friendly 2-point multi-touch screen for easy zoom in/out function. The ACP-500D Series is the display-only version of the ACP-5000 Series offering similar features but without a built-in processor.

Projective Capacitive Multi-Touch

The ACP-5000 and ACP-500D Series features a two-finger multi-touch projected capacitive touch screen, convenient for zoom in/out function. Depending on the application, users can easily zoom in to check their product quality or enlarge detailed information for ease in reading.



Reliable System Design

The ACP-5000 and ACP-500D Series offers special waterproof and dustproof designs with a tough IP65 anti-scratch touch screen (hardness 7H) front and IPX1 back cover to avoid damage incurred by water, solid particle ingress or rough usage.



Projective Capacitive Multi-Touch Display

- Supports 2-point multi-touch for easy operation



Anti-Scratch

- Resistant to scratches
- Hardness of front surface is 7H



ACP-5000/ ACP-500D Series



ACP-5000/ ACP-500D Series

Applications Include:

- Infotainment
- Hotel Check-In System
- Retail Stores and Public Places

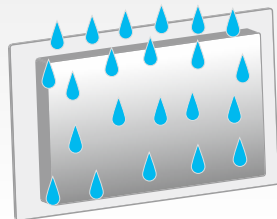


IP65 Front/ IPX1 Back Cover

- IP65 protection against water jet spray
- IPX1 protection against dripping water



Front



Rear

Multiple Expansions

- Supports MSR, RFID, Scanner, Smart Card Reader and Skype phone



Slim and Compact

- Easy installation in limited spaces



Rugged Stainless Steel Touch Panel PCs

AAEON's AFP-6000 Series touch panel PC is meticulously designed with an IP66/NEMA 4X rated enclosure made with the highest grade polished Stainless Steel Type 316L, providing an easy to clean and hygiene human machine interface (HMI) for food and beverage industries. Driven by the power efficient Intel® Atom™ processor, the AFP-6000 Series brings you high system performance for automation applications in harsh environments against splatter, high humidity and high corrosion.

NEMA 4X/IP66

NEMA 4X/IP66 enclosure provides protection from dust and water making it ideal for indoor and outdoor use and for hose down/wash down applications.

Anti-Scratch Resistive Touch Screen

Factory workers can now operate the panel PC without taking off their gloves! This special anti-scratch glass-film-glass resistive touch screen design with 7H surface hardness protection provides the highest possible resistance against physical impact and abrasion wear.

Stainless Steel 316L Steel System

Stainless Steel 316L Enclosure offers excellent anticorrosion properties that is resilient to corrosion brought about by salt, acids or alkaline and easy for cleaning and disinfecting in a hygiene environment.



NEMA 4x/IP66

- Protects against powerful water jets
- Complete sealing through gasket



Stainless Steel 316L Enclosure

- Offers excellent anti-corrosion properties
- Hygiene and easy to clean



Anti-Scratch Resistive T/S

- Resistant against sharp objects
- Hardness of front panel is 7H



AFP-6000 Series

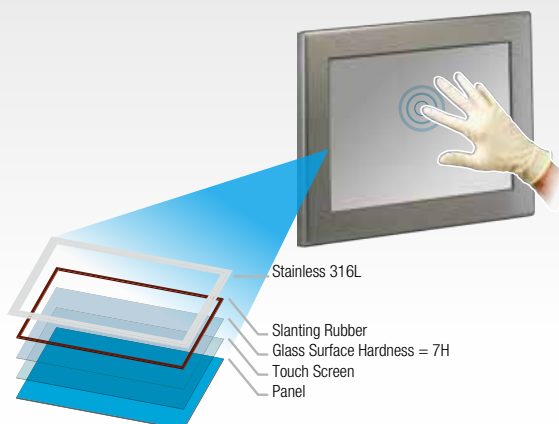


Applications Include:

Food and Beverage Processing Factory
Production Line

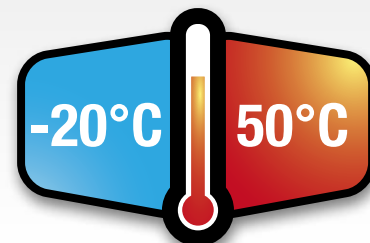


Glass-Film-Glass (GFG) Resistive Touch Screen



Wide-Temperature

- Wide-Temperature for harsh environments



Rugged IP67 Waterproof Panel PCs

AAEON FOX™ Series is designed for extreme rugged environments. Encased in a compact IP67 certified enclosure, the FOX™ Series offers an excellent dustproof and waterproof solution for rugged outdoor military and marine applications. This series features sunlight readable touch screens, a wide view LCD, brightness-control display and integrated wireless LAN and GPS (internal antennas) for real time data exchange and navigation.

IP67 Waterproof

These IP67 certified panel PCs offer complete 6-way IP67 protection from water and dust ingress. Their fanless and rugged design makes them ideal for use in outdoor and harsh indoor applications and offer built-in touch screen and sunlight readable LCD interfaces.

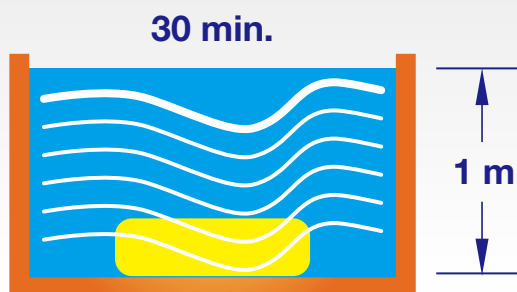
Brightness Adjustment

AAEON's FOX™ Series features an anti-glare, energy saving LED backlight that can adjust from 0 - 1000 nits, allowing users to operate the system under sunlight or power saving in dark environments.



IP67 Compliant

- 30 minutes submersion under 1 meter of water



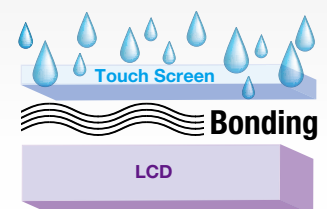
Sunlight Readable

- Up to 1000 nits
- Can adjust down to 0 nit



Anti-Fog

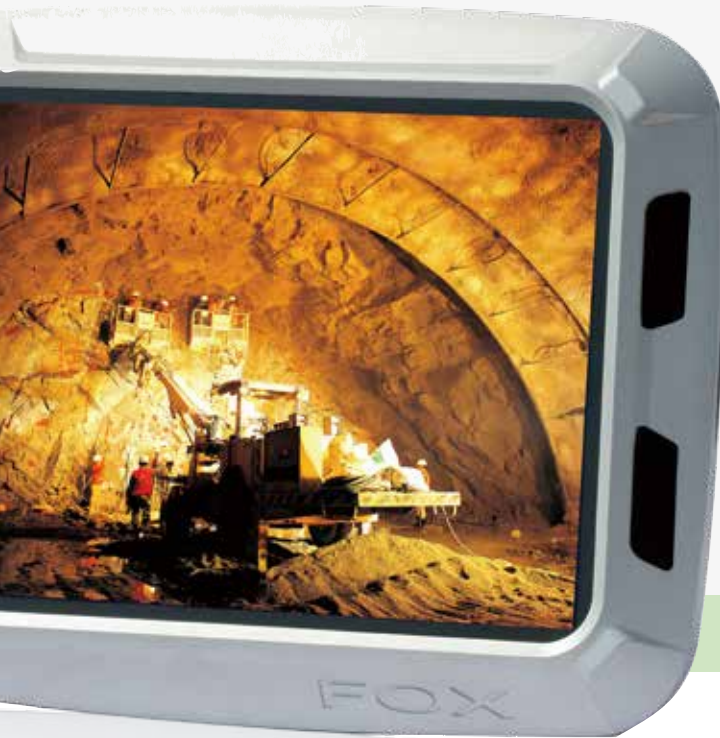
- Anti-fog screens with advanced bonding technology



FOX™ Series



FOX™ Series



Applications Include:

- Heavy-Duty Vehicle
- Outdoor Security Monitoring
- Marine Monitoring
- Military

Rugged Design

- Aluminum front bezel and chassis
- Anti-shock & anti-drop



Supports 3G and WiFi

- Internally built 3G and WiFi



Rugged Industrial Touch Displays

The AAEON AGD-300D Series is designed for industrial automation display with IP65 certified aluminum die cast front bezel, IPX1 certified back and has a wide operation temperature of $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$ ($-4^{\circ}\text{F} \sim 140^{\circ}\text{F}$). The AGD-300D Series features a 5-wire resistive touch screen and provides two front USB ports for easy extensions. The AGD-300D Series can tolerate shock and vibration from factory floors, making it ideal for monitoring and control for factory automation, building automation, utilities and transportation infrastructures, to name a few.

Aluminum Die Casting

AGD-300D Series adopts industrial-grade material front bezel which incorporates the advantages of high degree hardness, better heat dissipation, easy-to-shape with Arc-shape angle and anti-corrosion ability.

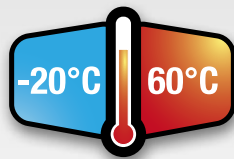
Power Input Protection

The AGD-300D Series is built with power input protection for over-voltage, low-voltage, reverse-input and power surge, making it safer and more reliable for operators to use in various applications.



Wide Temperature

- $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$ ($-4^{\circ}\text{F} \sim 140^{\circ}\text{F}$) wide operating temperature range for harsh environments



Power Input Protection

- Over-voltage protection
- Low-voltage protection
- Reverse protection
- Surge protection with 1000V DC

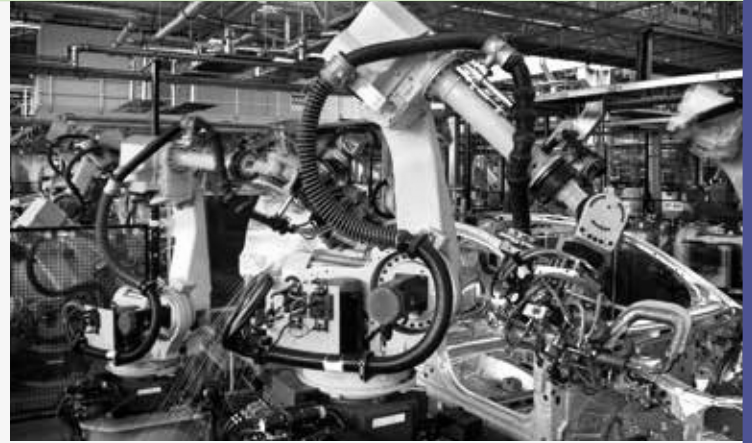


Industrial Proven Design

- Aluminum die cast front bezel
- IPX1 certified back chassis



AGD-300D Series



Applications Include:

- Central Control Rooms
- Factory Automation
- Machine Automation



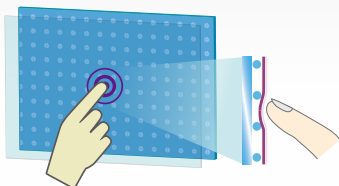
Front Menu Buttons

- Convenient for user settings



5-wire Resistive Touch

- Delivers higher accuracy



Flexible

- Provides RS-232/Mini-USB for user to upgrade display to touch display



RS-232

Mini-USB

Industrial/Infotainment Remote Touch Displays

AAEON provides Industrial and Infotainment remote touch displays via the network. The ACD-500R Series is designed for infotainment remote displays used for Digital Signage, Information Displays, Home Automation, POS and KIOSK applications. AAEON's AGD-300R Series is designed for heavy-duty remote displays such as Marine, In-vehicle and Mining applications.

Remote display allows users to install the display anywhere and connect to the host PC via local area network. Each host PC can support multiple displays and important data can be accessed in remote sites. The remote display function provides customers with remote display and remote management to meet customer needs effectively and reliably.

Remote Display Function

Remote display function allows users to extend video/audio signal anywhere by Ethernet TCP/IP. It also supports one to one, one to multiple, digital wall, cascade structure network types.

Rugged Design

Designed with rugged anti-scratch, IP65 certified panels for protection against solid particle and water ingress. AAEON's remote touch displays are also designed for wide operating temperatures for harsh operating environments.

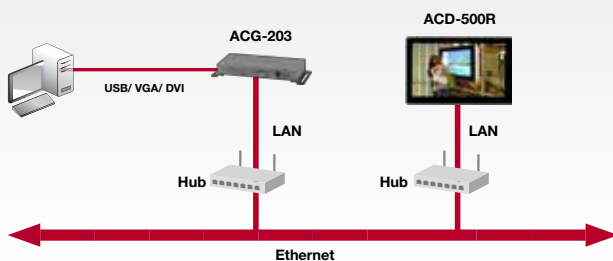
Ethernet

Max. 100m



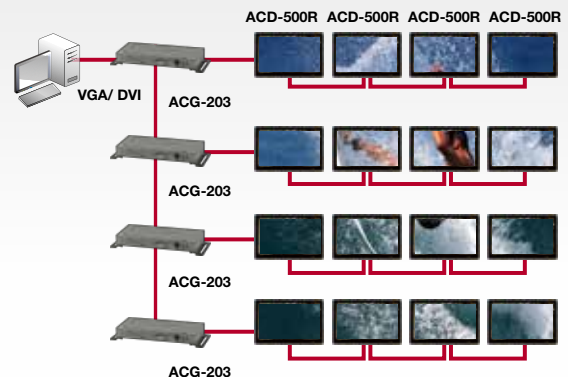
One-to-One

- One host PC can support up to multiple displays

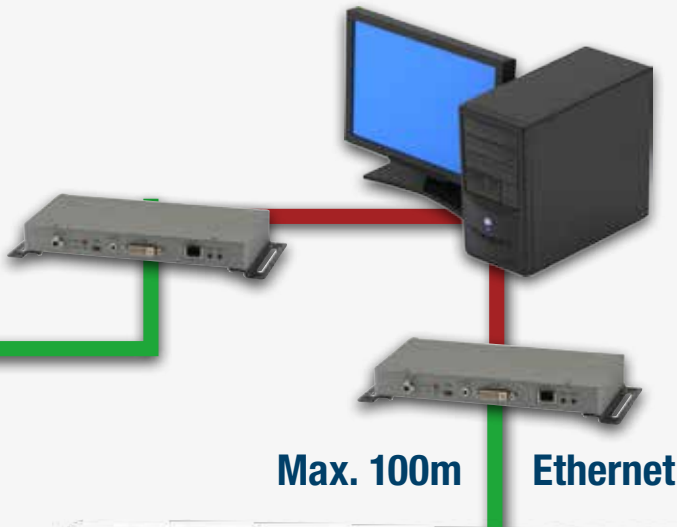


Digital Wall

- Allows host access and control from any machine on the same network



ACD-500R/AGD-300R Series



ACD-500R Series Applications Include:

- Shopping Mall
- Retail Store
- Meeting Room

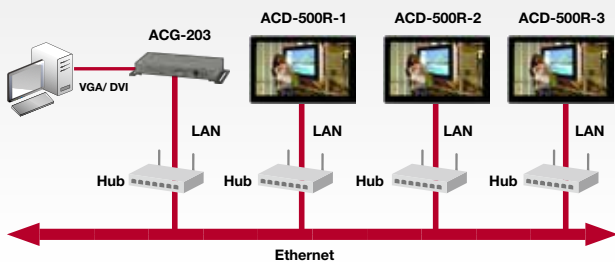
ACD-300R Series Applications Include:

- Production Line
- In-Vehicle
- Marine
- Mining



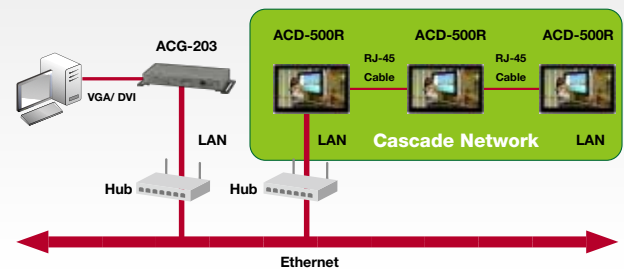
One-to-Multiple

- One host PC can support multiple displays via Ethernet



Cascade Structure

- Waterproof and dustproof front panel



Industrial HMI Touch Panel Solutions (AHP-1000 Series)



Model	AHP-1083	AHP-1152	AHP-1122	AHP-1081	AHP-1070
Display	8.4" TFT LCD	15" TFT LCD	12.1" TFT LCD	8.4" TFT LCD	7" TFT-LCD
Size / Type	8.4" TFT LCD	15" TFT LCD	12.1" TFT LCD	8.4" TFT LCD	7" TFT-LCD
Max. Resolution	800 x 600	1024 x 768	1024 x 768	800 x 600	800x480
Max. Colors	262K	16.2M	16.2M	262K	262K
Dot Size (mm)	0.213 x 0.213	HTT: 0.297 x 0.297, STT: 0.297 x 0.297	HTT: 0.3075 x 0.3075, STT: 0.240 x 0.240	0.213 x 0.213	0.1905 x 0.1905
Luminance (cd/m ²) (TYP)	450	HTT: 250, STT: 800	HTT: 500, STT: 1000	450	300
Viewing Angle	160°(H)/140°(V)	HTT: 170°(H)/160°(V), STT: 160°(H)/140°(V)	HTT: 160°(H)/160°(V), STT: 160°(H)/140°(V)	160°(H)/140°(V)	140°(H)/120°(V)
Back Light MTBF (Hours)	50,000	HTT: 30,000, STT: 60,000	HTT: 50,000, STT: 60,000	50,000	30,000
CPU	Intel® Atom™ D2550, 1.86GHz	Intel® Atom™ D510	Intel® Atom™ D510	Intel® Atom™ N270	TI OMAP 600MHz
Memory	DDR3 SODIMM x 1, Max. 4GB, Default 2GB	DDR2 SODIMM x 1, Max. 2GB (1G RAM included)	DDR2 SODIMM x 1, Max. 2GB (1G RAM included)	DDR2 SODIMM x 1, Max. 2GB (1G RAM included)	Onboard 128/256MB
LCD/CRT Controller	Integrated graphics in Intel® 945GSE	Integrated graphics in Intel® D510	Integrated graphics in Intel® D510	Integrated graphics in Intel® 945GSE	Integrated in TI processor
Storage Disk Drive	2.5" Hard Disk Drive bay, CFast™	2.5" Hard Disk Drive bay, Internal Type CompactFlash™	2.5" Hard Disk Drive bay, Internal Type CompactFlash™	2.5" Hard Disk Drive bay, Internal Type CompactFlash™	256MB NAND Flash/ SD card x 1
I/O Port	Network (LAN)	10/100/1000Base-TX, RJ-45 x 2	10/100/1000Base-TX, RJ-45 x 2	10/100/1000Base-TX, RJ-45 x 2	10/100Base-TX, RJ-45 x 1
Serial Port	RS-232 x 1, RS-232/422/485 x 1	RS-232 x 2, RS-232/422/485 x 1	RS-232 x 1, RS-232/422/485 x 1	RS-232 x 1, RS-232/422/485 x 1	RS-232 x 1, RS-232/422/485 x 1
Parallel Port	—	—	—	—	—
Keyboard/ Mouse	—	—	—	—	—
USB Connector	USB2.0 x 2	USB2.0 x 4	USB2.0 x 4	USB2.0 x 2	USB2.0 x 2, USB Clnet x 1
Audio	—	—	—	—	One speaker
Digital	VGA	VGA	VGA	VGA	VGA
Others	—	—	—	—	—
Touch Screen	5-wire resistive	5-wire resistive	5-wire resistive	5-wire resistive	5-wire resistive
Expansion Slot	Mini-Card x 1	Mini-Card x 2	Mini-Card x 2	Mini-PCI x 1	Mini-Card x 1 (USB interface only)
Power Supply	12V DC input	12V DC input	12V DC input	12V DC input	12V DC input
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C)	32°F ~ 122°F (0°C ~ 50°C)	32°F ~ 122°F (0°C ~ 50°C)	32°F ~ 122°F (0°C ~ 50°C)	32°F ~ 122°F (0°C ~ 50°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)	-4°F ~ 140°F (-20°C ~ 60°C)	-4°F ~ 140°F (-20°C ~ 60°C)	-4°F ~ 140°F (-20°C ~ 60°C)	-4°F ~ 140°F (-20°C ~ 60°C)
Front Panel Protection	IP-65	IP-65	IP-65	IP-65	IP-65
Certification	CE/FCC Class A	CE/FCC Class A	CE/FCC Class A	CE/FCC Class A	CE/FCC Class A
Dimension (W x H x D)	9.65" x 7.2" x 1.97" (245mm x 183mm x 50mm)	16" x 12.2" x 2.56" (407mm x 311.5mm x 65mm)	12.5" x 9.57" x 2.5" (317mm x 243mm x 64mm)	9.65" x 7.2" x 1.97" (245mm x 183mm x 50mm)	8.8" x 6.14" x 1.77" (225mm x 156mm x 45mm)
Gross Weight	4.41 lb (2 Kg)	11.9 lb (5.4 Kg)	9.3 lb (4.2 Kg)	4.41 lb (2 Kg)	4.41 lb (2 Kg)
Net Weight	3.31 lb (1.5 Kg)	9.7 lb (4.4 Kg)	7 lb (3.2 Kg)	3.31 lb (1.5 Kg)	1.54 lb (0.7 Kg)
Mounting	VESA 75, Panel	VESA 100/ Panel	VESA 100/ Panel	VESA 75, Panel	VESA 75, Panel
Note					

Rugged HMI Touch Panel Solutions (AHP-2000 Series)



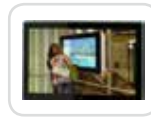
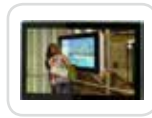
Model	AHP-2176	AHP-2153	AHP-2122
Display	17" TFT-LCD	15" TFT LCD	12.1" TFT LCD
Size / Type	17" TFT-LCD	15" TFT LCD	12.1" TFT LCD
Max. Resolution	1280 x 1024	1024 x 768	1024 x 768
Max. Colors	16.7M	16.7M	262K
Dot Size (mm)	0.264 x 0.264	HTT: 0.297 x 0.297, STT: 0.297 x 0.297	HTT: 0.3075 x 0.3075, STT: 0.240 x 0.240
Luminance (cd/m ²) (TYP)	350	HTT: 400, STT: 800	HTT: 500, STT: 1000
Viewing Angle	170°(H)/160°(V)	HTT: 170°(H)/160°(V), STT: 160°(H)/140°(V)	HTT: 160°(H)/160°(V), STT: 160°(H)/140°(V)
Back Light MTBF (Hours)	50,000	HTT: 50,000, STT: 60,000	HTT: 50,000, STT: 60,000
CPU	Intel® Core™ i7-2610UE/Celeron® 827E	Intel® Atom™ D2550	Intel® Atom™ D525
Memory	DDR3 SODIMM x2, Max. 8 GB	DDR3 SODIMM x 1, Max. 4 GB	DDR3 SODIMM x 1, Max. 4 GB
LCD/CRT Controller	Integrated graphics in Intel® 945GSE	Integrated graphics in Intel® Atom™ D2550	Integrated graphics in Intel® Atom™ D525
Storage Disk Drive	2.5" Hard Disk Drive bay, Internal Type CompactFlash™	2.5" Hard Disk Drive bay, Internal Type CompactFlash™	2.5" Hard Disk Drive bay, Internal Type CompactFlash™
I/O Port	Network (LAN)	10/100/1000Base-TX, RJ-45 x 2	10/100/1000Base-TX, RJ-45 x 2
Serial Port	RS-232 x 4	RS-232 x 2, RS-232/422/485 x 1	RS-232 x 1, RS-232/422/485 x 1
Parallel Port	—	—	—
Keyboard/ Mouse	—	—	—
USB Connector	USB2.0 x 6 (2 on front; 4 on rear)	USB2.0 x 4 (2 on front; 2 on rear)	USB2.0 x 4 (2 on front; 2 on rear)
Audio	Line-out x 1, Line-in x 1, Mic-in	Line-out x 1	Line-out x 1
Digital	VGA	VGA	VGA
Others	—	—	—
Touch Screen	5-wire resistive	5-wire resistive	5-wire resistive
Expansion Slot	Mini-Card x 1	Mini-Card x 1	Mini-Card x 1
Power Supply	9~30V DC input: Over-voltage protection, Low-voltage protection, Reverse protection	9~30V DC input: Over-voltage protection, Low-voltage protection, Reverse protection	9~30V DC input: Over-voltage protection, Low-voltage protection, Reverse protection
Operating Temperature	-4°F ~ 140°F (-20°C ~ 60°C)	-4°F ~ 140°F (-20°C ~ 60°C)	-4°F ~ 140°F (-20°C ~ 60°C)
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)	-4°F ~ 158°F (-20°C ~ 70°C)	-4°F ~ 158°F (-20°C ~ 70°C)
Front Panel Protection	IP-65	IP-65	IP-65
Certification	CE/FCC Class A	CE/FCC Class A	CE/FCC Class A
Dimension (W x H x D)	—	—	—
Gross Weight	—	—	—
Net Weight	—	—	—
Mounting	Panel/ Wall/ VESA 100/ Desktop/ Rack	Panel/ Wall/ VESA 100/ Desktop/ Rack	Panel/ Wall/ VESA 100/ Desktop/ Rack
Note			

Rugged Expandable Touch Panel Solutions (AGP-3000 Series)



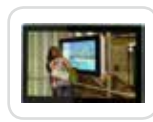
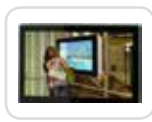
Model		AGP-3175	AGP-3155	AGP-3125
Display	Size/ Type	17" TFT-LCD	15" TFT LCD	12.1" TFT LCD
	Max. Resolution	1280 x 1024	1024 x 768	1024 x 768
	Max. Colors	16.7M	16.2M	16.2M
	Dot Size (mm)	0.264 x 0.264	HTT: 0.297 x 0.297	HTT: 0.3075 x 0.3075
	Luminance (cd/m ²) (TYP)	380	HTT: 250	HTT: 500
	Viewing Angle	170°(H)/160°(V)	HTT: 170°(H)/160°(V)	HTT: 160°(H)/160°(V)
	Back Light MTBF (Hours)	50,000	HTT: 30,000	HTT: 50,000
CPU		Intel® Core™ i7-620M/i5-520M/P4600	Intel® Core™ i7-620M/i5-520M/P4600	Intel® Core™ i7-620M/i5-520M/P4600
Memory		DDR3 SODIMM x 2, Max. 8 GB	DDR3 SODIMM x 2, Max. 8 GB	DDR3 SODIMM x 2, Max. 8 GB
LCD/CRT Controller		Integrated graphics in Intel® QM57	Integrated graphics in Intel® QM57	Integrated graphics in Intel® QM57
Storage Disk Drive		3.5" Hard Disk Drive bay x 2, DVD-Combo x 1 (optional)	3.5" Hard Disk Drive bay x 2, DVD-Combo x 1 (optional)	2.5" Hard Disk Drive bay x 1
I/O Port	Network (LAN)	10/100/1000Base-TX, RJ-45 x 2	10/100/1000Base-TX, RJ-45 x 2	10/100/1000Base-TX, RJ-45 x 2
	Serial Port	RS-232 x 2, RS-232/422/485 x 1	RS-232 x 2, RS-232/422/485 x 1	RS-232 x 2, RS-232/422/485 x 1
	Parallel Port	—	—	—
	Keyboard/ Mouse	PS/2 interface	PS/2 interface	PS/2 interface
	USB Connector	USB2.0 x 4 (Rear), USB2.0 x 2 (Front)	USB2.0 x 4 (Rear), USB2.0 x 2 (Front)	USB2.0 x 4 (Rear), USB2.0 x 2 (Front)
	Audio	Mic-in, Line-in, Line-out	Mic-in, Line-in, Line-out	Mic-in, Line-in, Line-out
	Digital	VGA, DVI-D	VGA, DVI-D	VGA, DVI-D
Others		—	—	—
Touch Screen		5-wire resistive	5-wire resistive	5-wire resistive
Expansion Slot		PCI x 2 or PCI-E x 2, PCI-E mini card x 1	PCI x 2 or PCI-E x 2, PCI-E mini card x 1	PCI x 2 or PCI-E x 2, PCI-E mini card x 1
Power Supply		250W w/active PFC	250W w/active PFC	250W w/active PFC
Operating Temperature		32°F ~ 122°F (0°C ~ 50°C)	32°F ~ 122°F (0°C ~ 50°C)	32°F ~ 122°F (0°C ~ 50°C)
Storage Temperature		-4°F ~ 158°F (-20°C ~ 70°C)	-4°F ~ 158°F (-20°C ~ 70°C)	-4°F ~ 158°F (-20°C ~ 70°C)
Front Panel Protection		IP-65	IP-65	IP-65
Certification		CE/FCC Class A	CE/FCC Class A	CE/FCC Class A
Dimension (W x H x D)		16.53" x 14.1" x 4.4" (420mm x 358mm x 112mm)	15.36" x 12.76" x 4.91" (390mm x 323.5mm x 124.7mm)	16.61" x 10.46" x 4.28" (345.8mm x 265.8mm x 108.8mm)
Gross Weight		24.2 lb (11 Kg)	18.04 lb (8.2 Kg)	15.86 lb (7.2 Kg)
Net Weight		20.9 lb (9.5 Kg)	14.96 lb (6.8 Kg)	11.89 lb (5.4 Kg)
Mounting		Panel/ Desktop/ Rack	Panel/ Desktop/ Rack	Panel/ Desktop
Note				

Infotainment Multi-Touch Panel Solutions (ACP-5000 Series)



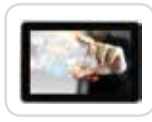
Model		ACP-5217	ACP-5187	ACP-5215	ACP-5185
Display	Size/ Type	21.5" TFT-LCD	18.5" TFT-LCD	21.5" TFT-LCD	18.5" TFT-LCD
	Max. Resolution	1920 x 1080	1366 x 768	1920 x 1080	1366 x 768
	Max. Colors	16.7M	16.7M	16.7M	16.7M
	Dot Size (mm)	0.248 x 0.248	0.3 x 0.3	0.248 x 0.248	0.3 x 0.3
	Luminance (cd/m ²) (TYP)	250	300	250	300
	Viewing Angle	170°(H)/160°(V)	170°(H)/160°(V)	170°(H)/160°(V)	170°(H)/160°(V)
	Back Light MTBF (Hours)	50,000	50,000	50,000	50,000
CPU		Intel® Core™ i7-3610QE/ Core™ i5-3610ME, Celeron® 1020E	Intel® Core™ i7-3610QE/ Core™ i5-3610ME, Celeron® 1020E	Intel® Core™ i7/i5/P4500	Intel® Core™ i7/i5/P4500
Memory		DDR3 SODIMM x 1, Max. 4 GB	DDR3 SODIMM x 1, Max. 4 GB	DDR3 SODIMM x 1, Max. 4 GB	DDR3 SODIMM x 1, Max. 4 GB
LCD/CRT Controller		Integrated graphics in QM77	Integrated graphics in QM77	Integrated graphics in QM57	Integrated graphics in QM57
Storage Disk Drive		2.5" Hard Disk Drive bay, Internal Type CFast™	2.5" Hard Disk Drive bay, Internal Type CFast™	2.5" Hard Disk Drive bay, Internal Type CompactFlash™	2.5" Hard Disk Drive bay, Internal Type CompactFlash™
I/O Port	Network (LAN)	10/100/1000Base-TX, RJ-45 x 2	10/100/1000Base-TX, RJ-45 x 2	10/100/1000Base-TX, RJ-45 x 2	10/100/1000Base-TX, RJ-45 x 2
	Serial Port	RS-232 x 1	RS-232 x 1	RS-232 x 1	RS-232 x 1
	Parallel Port	—	—	—	—
	Keyboard/ Mouse	—	—	—	—
	USB Connector	USB2.0 x 4 (Rear), USB2.0 x 2 (Side)	USB2.0 x 4 (Rear), USB2.0 x 2 (Side)	USB2.0 x 4 (Rear), USB2.0 x 2 (Side)	USB2.0 x 4 (Rear), USB2.0 x 2 (Side)
	Audio	Line-out	Line-out	Line-out	Line-out
	Digital	DVI-I	DVI-I	VGA	VGA
Others		—	—	—	—
Touch Screen		Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive
Expansion Slot		Mini-Card x 1 (Internal slot)	Mini-Card x 1 (Internal slot)	Mini-Card x 1 (Internal slot)	Mini-Card x 1 (Internal slot)
Power Supply		12 VDC input, with AC Power Adapter	12 VDC input, with AC Power Adapter	12 VDC input, with AC Power Adapter	12 VDC input, with AC Power Adapter
Operating Temperature		32°F ~ 104°F (0°C ~ 40°C)	32°F ~ 104°F (0°C ~ 40°C)	32°F ~ 104°F (0°C ~ 40°C)	32°F ~ 104°F (0°C ~ 40°C)
Storage Temperature		-4°F ~ 158°F (-20°C ~ 70°C)	-4°F ~ 158°F (-20°C ~ 70°C)	-4°F ~ 158°F (-20°C ~ 70°C)	-4°F ~ 158°F (-20°C ~ 70°C)
Front Panel Protection		Front bezel: IP-65; Back chassis: IPx1	Front bezel: IP-65; Back chassis: IPx1	Front bezel: IP-65; Back chassis: IPx1	Front bezel: IP-65; Back chassis: IPx1
Certification		CE/FCC Class A	CE/FCC Class A	CE/FCC Class A	CE/FCC Class A
Dimension (W x H x D)		—	18.11" x 12.2" x 3.4" (460mm x 310mm x 86.4mm)	21.57" x 13.7" x 2.2" (546mm x 348.1mm x 56mm)	18.11" x 12.2" x 3.4" (460mm x 310mm x 86.4mm)
Gross Weight		24.2 lb (11 Kg)	19.8 lb (9 Kg)	22 lb (10 Kg)	19.8 lb (9 Kg)
Net Weight		19.8 lb (9 Kg)	15.4 lb (7 Kg)	19.8 lb (9 Kg)	15.4 lb (7 Kg)
Mounting		VESA 100/Wall/Stand	VESA 100/Wall/Stand	VESA 100/Wall/Stand	VESA 75/100
Note					

Infotainment Multi-Touch Panel Solutions (ACP-5000 Series)



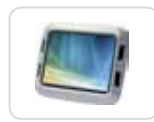
Model	ACP-5153	ACP-5212	ACP-5182	ACP-5152	ACP-5210
Display					
Size/ Type	15.6" TFT-LCD	21.5" TFT-LCD	18.5" TFT-LCD	15.6" TFT-LCD	21.5" TFT-LCD
Max. Resolution	1366 x 768	1920 x 1080	1366 x 768	1366 x 768	1920 x 1080
Max. Colors	16.7M	16.7M	16.7M	16.7M	16.7M
Dot Size (mm)	—	0.248 x 0.248	0.3 x 0.3	0.252 x 0.252	0.248 x 0.248
Luminance (cd/m ²) (TYP)	300	300	300	250	250
Viewing Angle	170°(H)/160°(V)	170°(H)/160°(V)	170°(H)/160°(V)	170°(H)/160°(V)	170°(H)/160°(V)
Back Light MTBF (Hours)	50,000	50,000	50,000	50,000	50,000
CPU	Intel® Atom™ D2550, 1.86GHz	Intel® Atom™ D510	Intel® Atom™ D510	Intel® Atom™ D510	AMD G-Series T56N Processor, 1.6GHz
Memory	204-Pin DDR3 SODIMM, Max. 4GB (default 2GB)	DDR2 SODIMM x 1, Max. 2 GB	DDR2 SODIMM x 1, Max. 2 GB	DDR2 SODIMM x 1, Max. 2 GB	DDR3 SODIMM x 1, Max. 4GB
LCD/CRT Controller	Intel® NM10	Integrated graphics in processor	Integrated graphics in processor	Integrated graphics in processor	AMD A50M
Storage Disk Drive	2.5" Hard Disk Drive Bay, CFast™ slot	2.5" Hard Disk Drive bay, Internal Type CompactFlash™ x 1	2.5" Hard Disk Drive bay, Internal Type CompactFlash™ x 1	2.5" Hard Disk Drive bay, Internal Type CompactFlash™ x 1	2.5" Hard Disk Drive Bay, CFast™ Slot
I/O Port					
Network (LAN)	10/100/1000Base-TX, RJ-45 x 2	10/100/1000Base-TX, RJ-45 x 2	10/100/1000Base-TX, RJ-45 x 2	10/100/1000Base-TX, RJ-45 x 2	10/100/1000Base-TX, RJ-45 x 2
Serial Port	RS-232 x 1	RS-232 x 1, RS-232/422/485 x 1	RS-232 x 1, RS-232/422/485 x 1	RS-232 x 1	RS-232 x 1
Parallel Port	—	—	—	—	—
Keyboard/ Mouse	—	—	—	—	—
USB Connector	USB2.0 x 2 (Rear), USB2.0 x 2 (Side)	USB2.0 x 4 (Rear), USB2.0 x 2 (Side)	USB2.0 x 4 (Rear), USB2.0 x 2 (Side)	USB2.0 x 4 (Rear), USB2.0 x 2 (Side)	USB2.0 x 4 (Rear), USB2.0 x 2 (Side)
Audio	Line-out	Line-out	Line-out	Line-out	Line-out
Digital	DVI	VGA	VGA	VGA	VGA
Others	—	—	—	—	—
Touch Screen	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive
Expansion Slot	Mini-Card x 1 (Internal slot)	Mini-Card x 2 (Internal slot)	2 Mini-Card (Internal slot)	2 Mini-Card (Internal slot)	1 Mini-Card (Internal slot)
Power Supply	12 VDC input, with AC Power Adapter	12 VDC input, with AC Power Adapter	12 VDC input, with AC Power Adapter	12 VDC input, with AC Power Adapter	12 VDC input, with AC Power Adapter
Operating Temperature	No Airflow: 32°F ~ 104°F (0°C ~ 40°C)	32°F ~ 104°F (0°C ~ 40°C)	32°F ~ 104°F (0°C ~ 40°C)	32°F ~ 104°F (0°C ~ 40°C)	32°F ~ 104°F (0°C ~ 40°C) w/o airflow
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)	-4°F ~ 158°F (-20°C ~ 70°C)	-4°F ~ 158°F (-20°C ~ 70°C)	-4°F ~ 158°F (-20°C ~ 70°C)	-4°F ~ 158°F (-20°C ~ 70°C)
Front Panel Protection	Front bezel: IP65; Back chassis: IPx1	Front bezel: IP-65; Back chassis: IPx1	Front bezel: IP-65; Back chassis: IPx1	Front bezel: IP-65; Back chassis: IPx1	Front bezel: IP65; Back chassis: IPx1
Certification	CE/FCC Class A	CE/FCC Class A	CE/FCC Class A	CE/FCC Class A	CE/FCC Class A
Dimension (W x H x D)	15.5" x 10.7" x 2.44" (394mm x 272mm x 62mm)	21.5" x 13.7" x 2.34" (546mm x 384mm x 59.4mm)	18.11" x 12.2" x 2.34" (460mm x 310mm x 59.4mm)	15.51" x 10.71" x 2.44" (394mm x 272mm x 62mm)	21.5" x 13.7" x 2.34" (546mm x 384mm x 59.4mm)
Gross Weight	12.1 lb (5.5 Kg)	18.3 lb (8.3 Kg)	16.06 lb (7.3 Kg)	13.42 lb (6.1 Kg)	18.3 lb (8.3 Kg)
Net Weight	—	13.9 lb (6.3 Kg)	11 lb (5 Kg)	9.02 lb (4.1 Kg)	13.9 lb (6.3 Kg)
Mounting	VESA 75/100	VESA 75/100	VESA 75/100	VESA 75/100	VESA 75/100
Note					

Infotainment Multi-Touch Panel Solutions (ACP-2000/1000 Series)



Model	ACP-2153	ACP-1103	ACP-1073
Display			
Size/ Type	15" TFT LCD	10.1" TFT LED	7" TFT LCD
Max. Resolution	1024 x 768	1280 x 800	1024 x 600
Max. Colors	16.7M colors (6/8-bit for R, G, B)	262K	262K
Dot Size (mm)	0.297 x 0.297	0.0565 x 0.1695	—
Luminance (cd/m ²) (TYP)	400	350	250
Viewing Angle	160°(H)/140°(V)	170°(H)/170°(V)	145°(H)/150°(V)
Back Light MTBF (Hours)	50,000	—	40,000
CPU	Onboard Intel® Atom™ D2550 1.86 GHz Processor	Intel® Atom™ N2600	Intel® Atom™ N2600
Memory	DDR3 SODIMM x 1, Max. 4 GB	DDR3 SODIMM (200-pin) x 1, Max. 2GB (2G RAM included)	DDR3 SODIMM x 1, Max. 2GB (2G RAM included)
LCD/CRT Controller	Intel® NM10	Integrated graphics in processor	Integrated graphics in Intel®
Storage Disk Drive	CFast™ slot x 1, 2.5" SATA Hard Disk Drive x 1	Half-size mSATA x 1 (Suggest AAEON Factory Installed)	Half-size mSATA x 1 (Suggest AAEON Factory Installed)
I/O Port			
Network (LAN)	RJ-45 x 2	LAN x 1	10/100/1000Base-TX, RJ-45 x 1
Serial Port	RS-232 x 2, RS-232/422/485 x 1	RS-232 x 1 (RJ-45 connector), RS-232/422/485 x 2 (RJ-48 connector)	RS-232 x 1, RS-232/422/485 x 2
Parallel Port	—	—	—
Keyboard/ Mouse	—	—	—
USB Connector	USB2.0 x 4	USB 2.0 x 4	USB2.0 x 4
Audio	Line-out x 1	—	—
Digital	VGA out x 1	—	—
Others	Power switch x 1, Power input 3-pin terminal block x 1	DC input x 1, Power button x 1	DC input x 1, Power button x 1
Touch Screen	Projected capacitive touch screen (two points)	Projected Capacitive	Projected Capacitive
Expansion Slot	Mini PCI-E Card x 1	—	—
Power Supply	9~30V 3-pin terminal block	DC 12V in with lockable	12V DC input
Operating Temperature	-4°F~140°F (-20°C ~ 60°C)	14°F ~ 104°F (-10°C ~ 40°C)	14°F ~ 113°F (-10°C ~ 45°C)
Storage Temperature	-4°F~158°F (-20°C ~ 70°C)	-4°F ~ 140°F (-20°C ~ 60°C)	14°F ~ 122°F (-10°C ~ 50°C)
Front Panel Protection	Edgeless	IP-65	IP-65
Certification	CE/FCC Class A	CE/FCC Class A	CE/FCC Class A
Dimension (W x H x D)	15.06"(W) x 10.75"(H) x 2.75"(D) (382.60mm x 273.06mm x 69.80mm)	10.6"(W) x 7.24"(H) x 1.18"(D) (269.95mm x 183.55mm x 30mm)	—
Gross Weight	16.52 lb (7.5 kg)	—	—
Net Weight	11.45 lb (5.2 kg)	2.2lb (1 kg)	—
Mounting	VESA 75/100, Flush mount	VESA 100, Panel Mount	VESA 100
Note			

Multi-Purpose and Waterproof Panel Solutions (FOX Series)



Model		FOX-151	FOX-121	FOX-81
Display	Size/ Type	15" TFT LCD	12.1" TFT LCD	8.4" TFT LCD
	Max. Resolution	1024 x 768	1024 x 768	800 x 600
	Max. Colors	16.7M	262K	262K
	Dot Size (mm)	HTT: 0.297 x 0.297, STT: 0.297 x 0.297	HTT: 0.3075 x 0.3075, STT: 0.240 x 0.240	0.213 x 0.213
	Luminance (cd/m ²) (TYP)	HTT: 450, STT: 800	HTT: 500, STT: 1000	450
	Viewing Angle	170°(H)/160°(V)	HTT: 160°(H)/160°(V), STT: 160°(H)/120°(V)	150°(H), 150°(V)
Back Light MTBF (Hours)		50,000	HTT: 50,000, STT: 60,000	50,000
CPU		Intel® Atom™ N270	Intel® Atom™ N270	Intel® Atom™ N270 1.6 GHz
Memory		DDR2 SODIMM x 1, Max. 2 GB	DDR2 SODIMM x 1, Max. 2 GB	DDR2 SODIMM x 1, Max. 2 GB
LCD/CRT Controller		Integrated graphics in Intel® 945GSE	Integrated graphics in Intel® 945GSE	Intel® 945GSE
Storage Disk Drive		2.5" Hard Disk Drive bay, Internal Type CompactFlash™	2.5" Hard Disk Drive bay, Internal Type CompactFlash™	2.5" Hard Disk Drive bay, Internal Type 2 CompactFlash™ Slot x 1
I/O Port	Network (LAN)	10/100/1000Base-TX, RJ-45 x 1	10/100/1000Base-TX, RJ-45 x 1	10/100/1000Base-TX, Water-proof RJ-45 x 1
	Serial Port	RS-232 x 1, RS-232/422/485 x 1	RS-232 x 1, RS-232/422/485 x 1	RS-232 x 1, RS-232/422/485 x 1
	Parallel Port	—	—	—
	Keyboard/ Mouse	—	—	—
	USB Connector	USB2.0 x 2	USB2.0 x 2	USB2.0 x 2
	Audio	Line-out (optional)	—	—
	Digital	VGA	—	—
	Others	—	—	—
Touch Screen		5-wire resistive	5-wire resistive	5-wire resistive
Expansion Slot		Mini-PCI x 1	Mini-PCI x 1	Mini-PCI x 1 (internal)
Power Supply		9-30 DC input	9-30 DC input	9-30 DC input
Operating Temperature		-4°F ~ 131°F (-20°C ~ 55°C)	-4°F ~ 131°F (-20°C ~ 55°C)	-4°F ~ 122°F (-20°C ~ 50°C)
Storage Temperature		-4°F ~ 158°F (-20°C ~ 70°C)	-22°F ~ 158°F (-30°C ~ 70°C)	-22°F ~ 140°F (-30°C ~ 60°C)
Front Panel Protection		All sides IP-65/67 certified	All sides IP-67 certified	All sides of IP-65 certified
Certification		CE/FCC Class A, IEC 60945 Compliant	CE/FCC Class A, IEC 60945 Compliant	CE/FCC Class A, IEC 60945 Compliant
Dimension (W x H x D)		20.4" x 18.6" x 8.7" (518mm x 473mm x 222 mm)	13.58" x 11.1" x 2.36" (345mm x 282mm x 60 mm)	10.5" x 7.6" x 2.4" (266mm x 192mm x 60mm)
Gross Weight		19.81 lb (9 Kg)	17.64 lb (8 Kg)	8.8 lb (4 Kg)
Net Weight		16.5 lb (7.5 Kg)	14.33 lb (6.5 Kg)	6.6 lb (3 Kg)
Mounting		VESA 75 /100	VESA 75 /100	VESA 75
Note				

Rugged Stainless Touch Panel Solutions (AFP-6000 Series)



Model		AFP-6152	AFP-6123
Display	Size/Type	15" TFT LCD	12.1" TFT LCD
	Max. Resolution	1024 x 768	1024 x 768
	Dot Size	0.297mm x 0.297mm	0.3075mm x 0.3075mm
	Luminance (cd/m ²) (TYP)	400	500
	Viewing Angle	170(H) x 160(V)	160(H) x 160(V)
	Back Light MTBF	50,000	50,000
CPU		Intel® Atom™ D525 1.8GHz	Intel® Atom™ D2550 1.86GHz
System Memory		DDR3 SODIMM x 1, Max. 4GB, 2G RAM Inside	DDR3 SODIMM x 1, Max. 4GB, 2G RAM Inside
LCD/CRT Controller		Integrated graphics in Intel® Atom™ D525	Integrated graphics in Intel® Atom™ D2550
Storage	SSD	Onboard CompactFlash™ x 1	CFAST™ Slot x 1
	HDD	2.5" SATA HDD x 1	2.5" SATA HDD x 1
Rear I/O	USB	USB2.0 x 2	USB2.0 x 2
	Ethernet	10/100/1000Base-TX, RJ-45 x 1	10/100/1000Base-TX, RJ-45 x 1
	Serial Port	RS-232 x 1, RS-232/422/485 x 1	RS-232 x 1, RS-232/422/485 x 1
	Power	9 ~ 30V DC in	9 ~ 30V DC in
	Audio	—	—
	KB/MS	—	—
Expansion		Mini PCI-E x 1	Mini PCI-E x 1
Power Requirement		9 ~ 30V DC in	9 ~ 30V DC in
Touch Screen		5-wire resistive	5-wire resistive
Mounting		VESA 100	VESA 100
Operating Temperature		-4°F ~ 122°F (-20°C ~ 50°C) w/o Airflow, -4°F ~ 131°F (-20°C ~ 55°C) w/ Airflow	-4°F ~ 122°F (-20°C ~ 50°C) w/o Airflow, -4°F ~ 131°F (-20°C ~ 55°C) w/ Airflow
Storage Temperature		-20°C ~ 70°C (-4°F ~ 158°F)	-20°C ~ 70°C (-4°F ~ 158°F)
Front Panel Protection		Full IP-66/NEMA 4x	Full IP-66/NEMA 4x
Anti-Shock		50 G peak acceleration (11 msec. duration) – CFD 20 G peak acceleration (11 msec. duration) – HDD	50 G peak acceleration (11 msec. duration) – CFD 20 G peak acceleration (11 msec. duration) – HDD
MTBF		—	—
Certification	EMC	CE /FCC Class A	CE /FCC Class A
	Safety	—	—
Dimension (W x H x D)		9.65" (W) x 7.2" (H) x 2.37" (D) (410mm x 336mm x 59.6mm)	—
Gross Weight		16.5 lb (7.5 Kg)	—
Net Weight		13.2 lb (6 kg)	—
Note		Windows® XP Embedded, Windows® XP, Windows® 7, Linux Fedora Core 2.6.x	—

Industrial Touch Display Solutions (AGD-300D Series)



Model	AGD-317D	AGD-315D	AGD-312D	AGD-310D
Type	Rugged Touch Display	Rugged Touch Display	Rugged Touch Display	Rugged Touch Display
Size/Type	17" TFT-LCD	15" TFT LCD	12.1" TFT LCD	10.4" TFT LCD
Max. Resolution	1280 x 1024	1024 x 768	1024 x 768	800 x 600
Max. Colors	16.7M	16.7M	16.7M	262K
Dot Size (mm)	0.264 x 0.264	HTT: 0.297 x 0.297, STT: 0.297 x 0.297	HTT: 0.3075 x 0.3075, STT: 0.240 x 0.240	0.264 x 0.264
Luminance (cd/m²) (TYP)	380	HTT: 250, STT: 800	HTT: 500, STT: 1000	400
Viewing Angle	170°(H)/160°(V)	HTT: 170°(H)/160°(V), STT: 160°(H)/140°(V)	HTT: 160°(H)/160°(V), STT: 160°(H)/140°(V)	160°(H)/140°(V)
Brightness Control	Yes	Yes	Yes	Yes
Back Light MTBF (Hours)	50,000	HTT: 30,000, STT: 60,000	HTT: 50,000, STT: 60,000	50,000
On Screen Display	Front Panel	Front Panel	Front Panel	Front Panel
I/O Connector	"A1: VGA x 1; DVI x 1; RS-232 x 1 (for T/S); mini USB x 1 (for T/S) A2: USB x 2 (front); USB x 1 (bottom); VGA x 1; DVI x 1; RS-232 x 1 (for T/S); mini USB x 1 (for T/S)"	"A1: VGA x 1; DVI x 1; RS-232 x 1 (for T/S); mini USB x 1 (for T/S) A2: USB x 2 (front); USB x 1 (bottom); VGA x 1; DVI x 1; RS-232 x 1 (for T/S); mini USB x 1 (for T/S)"	"A1: VGA x 1; DVI x 1; RS-232 x 1 (for T/S); mini USB x 1 (for T/S) A2: USB x 2 (front); USB x 1 (bottom); VGA x 1; DVI x 1; RS-232 x 1 (for T/S); mini USB x 1 (for T/S)"	"VGA x 1 DVI x 1 RS-232 x 1 (for T/S) USB typell x 1 (for T/S)"
Input Signal	RGB	RGB	RGB	RGB
Cable Length	VGA, 1.8m	VGA, 1.8m	VGA, 1.8m	VGA, 1.8m
Touch screen Type	5-wire resistive	5-wire resistive	5-wire resistive	5-wire resistive
Front Panel	Aluminum	Aluminum	Aluminum	Aluminum
Chassis	Steel	Steel	Steel	Steel
Mounting	Panel/ VESA75 & 100/ Desktop/ Wall	Panel/ VESA75 & 100/ Desktop/ Wall	Panel/ VESA75 & 100/ Wall	Panel/ VESA75/ Wall
Power Requirement	9-30V DC input	9-30V DC input	9-30V DC input	12V DC input
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C)	32°F ~ 122°F (0°C ~ 50°C)	-4°F ~ 140°F (-20°C ~ 60°C)	14°F ~ 131°F (-10°C ~ 55°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)	-4°F ~ 140°F (-20°C ~ 60°C)	-22°F ~ 158°F (-30°C ~ 70°C)	-4°F ~ 158°F (-20°C ~ 70°C)
Front Panel Protection	IP-65	IP-65	IP-65	IP-65
Certification	CE/FCC Class A	CE/FCC Class A	CE/FCC Class A	CE/FCC Class A
Dimension (W x H x D)	16.54" x 14.1" x 4.41" (420mm x 358mm x 112mm)	15.35" x 12.74" x 4.91" (390mm x 323.5mm x 124.7mm)	13.61" x 10.46" x 4.28" (345.8mm x 265.8mm x 108.8mm)	8.98" x 8.5" x 1.93" (228.2mm x 216mm x 49mm)
Gross Weight		13 lb (5.8Kg)	9.02 lb (4.1 Kg)	8.58 lb (3.9 Kg)
Note				

Industrial Touch Display Solutions (ACD-500D Series/FOX-10D/80D Series)



Model	ACD-521D	ACD-518D	ACD-515D	FOX-12D	FOX-81D
Type	Clouding Display	Clouding Display	Clouding Display	Display	Display
Size/Type	21.5" TFT-LCD	18.5" TFT-LCD	15.6" TFT-LCD	12.1" TFT LCD	8.4" TFT LCD
Max. Resolution	1920 x 1080	1366 x 768	1366 x 768	1024 x 768	800 x 600
Max. Colors	16.7M	16.7M	16.7M	262K	262K
Dot Size (mm)	0.248 x 0.248	0.3 x 0.3	0.252 x 0.252	HTT: 0.3075 x 0.3075, STT: 0.240 x 0.240	0.213 x 0.213
Luminance (cd/m²) (TYP)	250	300	300	HTT: 500, STT: 1000	450
Viewing Angle	170°(H)/160°(V)	170°(H)/160°(V)	170°(H)/160°(V)	HTT: 160°(H)/160°(V), STT: 160°(H)/140°(V)	160°(H)/140°(V)
Brightness Control	Yes	Yes	Yes	Yes	Yes
Back Light MTBF (Hours)	50,000	50,000	50,000	HTT: 50,000, STT: 60,000	50,000
On Screen Display	Front Panel	Front Panel	Front Panel	Front Panel	Front Panel
I/O Connector	VGA x 1, DVI x 1, Line-in x 1, Mini USB x 1 (for T/S), USB x 1 (bottom), USB x 2 (side)	VGA x 1, DVI x 1, Line-in x 1, Mini USB x 1 (for T/S), USB x 1 (bottom), USB x 2 (side)	VGA x 1, DVI x 1, Line-in x 1, Mini USB x 1 (for T/S), USB x 1 (bottom), USB x 2 (side)	VGA x 1, RS-232 (Touch) x 1	VGA x 1, USB x 1
Input Signal	RGB	RGB	RGB	RGB	RGB
Cable Length	VGA, 1.8m	VGA, 1.8m	VGA, 1.8m	VGA, 1.8m	VGA, 1.8m
Touch screen Type	Projected Capacitive	Projected Capacitive	Projected Capacitive	5-wire resistive	5-wire resistive
Front Panel	Plastic	Plastic	Plastic	Aluminum	Aluminum
Chassis	Plastic	Plastic	Plastic	Aluminum	Aluminum
Mounting	VESA 75/100	VESA 75/100	VESA 75/100	VESA/Wall	VESA/Wall
Power Requirement	12V DC input	12V DC input	12V DC input	9 ~ 13V DC input	9 ~ 13V DC input
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)	32°F ~ 104°F (0°C ~ 40°C)	32°F ~ 104°F (0°C ~ 40°C)	14°F ~ 140°F (-10°C ~ 60°C)	-4°F ~ 131°F (-20°C ~ 55°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)	-4°F ~ 140°F (-20°C ~ 60°C)	-4°F ~ 140°F (-20°C ~ 60°C)	14°F ~ 158°F (-10°C ~ 70°C)	-22°F ~ 140°F (-30°C ~ 60°C)
Front Panel Protection	IP-65	IP-65	IP-65	IP-67	IP-65
Certification	CE/FCC Class A	CE/FCC Class B	CE/FCC Class B	CE/FCC Class A, IEC 60945 compliant	CE/FCC Class A
Dimension (W x H x D)	21.57" x 13.7" x 2.34" (546mm x 348mm x 59.4mm)	18.11" x 12.2" x 2.28" (460mm x 310mm x 58mm)	15.51" x 10.71" x 2.48" (394mm x 272mm x 63mm)	13.58" x 11.1" x 2.36" (345mm x 282mm x 60 mm)	10.47" x 7.56" x 2.35" (266mm x 192mm x 59.8mm)
Gross Weight	15.4 lb (7 kg)	13.64 lb (6.2 kg)	12.1 lb (5.5 kg)	12.1 lb (5.5 Kg)	6.6 lb (3 kg)
Note					

Industrial Remote Touch Display Solutions (AGD-300R/ACD-500R Series)



Model	AGD-317R	ACD-521R	ACD-518R	ACD-515R
Type	Remote Display	Remote Display	Remote Display	Remote Display
Size/Type	17" TFT-LCD	21.5" TFT-LCD	18.5" TFT-LCD	15.6" TFT-LCD
Max. Resolution	1280 x 1024	1920 x 1080	1366 x 768	1366 x 768
Max. Colors	16.7M	16.7M	16.7M	16.7M
Dot Size (mm)	0.264 x 0.264	0.248 x 0.248	0.3 x 0.3	0.252 x 0.252
Luminance (cd/m²) (TYP)	380	250	300	300
Viewing Angle	170°(H)/160°(V)	170°(H)/160°(V)	170°(H)/160°(V)	170°(H)/160°(V)
Brightness Control	Yes	Yes	Yes	Yes
Back Light MTBF (Hours)	50,000	50,000	50,000	50,000
On Screen Display	Front Panel	Front Panel	Front Panel	Front Panel
I/O Connector	"A1: RJ-45 x 2, Line-out x 1 A2: RJ-45 x 2, Line-out x 1, Mini USB x 1 (for T/S), USB x 1 (bottom), USB x 2 (front)"	"A1: RJ-45 x 2, Line-out x 1 A2: RJ-45 x 2, Line-out x 1, Mini USB x 1 (for T/S), USB x 1 (bottom), USB x 2 (front)"	"A1: RJ-45 x 2, Line-out x 1 A2: RJ-45 x 2, Line-out x 1, Mini USB x 1 (for T/S), USB x 1 (bottom), USB x 2 (front)"	"A1: RJ-45 x 2, Line-out x 1 A2: RJ-45 x 2, Line-out x 1, Mini USB x 1 (for T/S), USB x 1 (bottom), USB x 2 (front)"
Input Signal	HDMI or DVI or VGA	HDMI or DVI or VGA	HDMI or DVI or VGA	HDMI or DVI or VGA
Cable Length	RJ-45, 100m	RJ-45, 100m	RJ-45, 100m	RJ-45, 100m
Touch screen Type	5-wire resistive	Projected Capacitive	Projected Capacitive	Projected Capacitive
Front Panel	Aluminum	Plastic	Plastic	Plastic
Chassis	Aluminum	Plastic	Plastic	Plastic
Mounting	Panel/ Desktop/ VESA 75/100 /Rack	VESA 75/100	VESA 75/100	VESA 75/100
Power Requirement	9 ~ 30V DC input	12V DC input	12V DC input	12V DC input
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C)	32°F ~ 104°F (0°C ~ 40°C)	32°F ~ 104°F (0°C ~ 40°C)	32°F ~ 104°F (0°C ~ 40°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)	-4°F ~ 140°F (-20°C ~ 60°C)	-4°F ~ 140°F (-20°C ~ 60°C)	-4°F ~ 140°F (-20°C ~ 60°C)
Front Panel Protection	IP-65	IP-65	IP-65	IP-65
Certification	CE/FCC Class A	CE/FCC Class A	CE/FCC Class A	CE/FCC Class A
Dimension (W x H x D)	16.54" x 14.1" x 4.41" (420mm x 358mm x 112mm)	21.57" x 13.7" x 2.34" (548mm x 348.1mm x 59.4mm)	18.11" x 12.2" x 2.28" (460mm x 310mm x 58mm)	15.51" x 10.71" x 2.44" (394mm x 272mm x 62mm)
Gross Weight	18.59 lb (8.45 kg)	—	24.2 lb (11 Kg)	12.98 lb (5.9 Kg)
Note				

Industrial Remote Touch Display Solutions (ACG-200 Series)



Model	ACG-203	ACG-204
Form Factor	Desktop	Desktop
Front I/O	VGA (or DVI) input x 1, RJ-45 x 1, Mini USB x 1, Switch x 2, LED x 2, DC-in x 1, DIP Switch x 1, Line-out x 1	Mini USB x 1, RJ-45 x 2, DVI-I x 1, Line-out x 1, DIP switch x 1, Switch x 2, LED x 2, DC-in x 1
Rear I/O	—	—
Side I/O	—	—
Power Requirement	12VDC w/power adaptor	12VDC w/power adaptor
Operation Temperature	32°F ~122°F (0°C~50°C)	32°F ~122°F (0°C~50°C)
Storage Temperature	-4°F ~140°F (-20°C~60°C)	-4°F ~140°F (-20°C~60°C)
Certification	CE/FCC Class A	CE/FCC Class A
Dimension (W x H x D)	8.19" x 0.98" x 4.04" (208mm x 25mm x 102.5mm)	8.19" x 0.98" x 4.23" (208mm x 25mm x 107.5mm)
Gross Weight	1.23 lb (0.56 kg)	1.32 lb (0.6 kg)
Mounting	Desktop/ VESA	Desktop/ VESA
Note		

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