

Product Specifications



Model	FOX-150VTT	FOX-150	FOX-122	FOX-120	FOX-80	FOX-81	
Display	Size/ Type	15" TFT-LCD	15" TFT LCD	12" TFT-LCD	12" TFT LCD	8.4" TFT-LCD	8.4" TFT-LCD
	Max. Resolution	1024 x 768	1024 x 768	800 x 600	800 x 600	800 x 600	800 x 600
	Max. Colors	16.2 M	16.7M	262K	262K	262K	262K
	Dot Size (mm)	0.297 x 0.297	0.297 x 0.297	0.3075 x 0.3075	0.3075 x 0.3075	0.213 x 0.213	0.213 x 0.213
	Luminance (cd/m ²) (TYP)	450	450	450	450	650 (FOX-80STT)/ 450 (FOX-80HTT/ST)	650(FOX-81STT)/ 450(FOX-81HTT)
	Viewing Angle	160° (H), 160° (V)	160° (H), 160° (V)	140° (H), 110°(V)	140° (H), 110° (V)	150° (H), 150°(V)	120° (H), 100°(V)
	Back Light MTBF (Hours)	50,000	50,000	50,000	50,000	50,000	50,000
	Vandal proof Bounding	Yes	N/A	N/A	N/A	N/A	N/A
CPU	Celeron® M 1.5 GHz/ Celeron® M 600MHz	Intel® Pentium® M/ Celeron® M 600MHz/1.5 GHz	Intel® Core™ 2 Duo-U7500 1.06GHz	Intel® Celeron® M 600MHz/ 1.5 GHz	Intel® ULV Celeron® M 1.0GHz	Intel® Atom™ N270 1.6GHz	
Memory	256/ 512 MB (up to 1 G)	256/ 512 MB (up to 1 GB)	256MB/ 512MB (up to 1GB)	256/ 512 MB (up to 1 GB)	512MB (up to 1GB)	256 / 512 MB (up to 1 G)	
LCD/CRT Controller	Intel® 852GM	Intel® 852GM	Intel® 945GME	Intel® 852GM	Intel® 852GM	Intel® 945GSE	
Storage Disk Drive	CompactFlash™ Type II Socket (internal slot)	CompactFlash™ Type II Socket (internal slot)	CompactFlash™ Type II Socket (internal slot)	CompactFlash™ Type II Socket (internal slot)	CompactFlash™ Type II Socket (internal slot)	CompactFlash™ Type II Socket (internal slot)	
I/O Port	Network (LAN)	10/100Base-TX Water-proof RJ-45 x 1 (optional)	10/100Base-TX Water-proof RJ-45 x 1 (optional)	10/100Base-TX Water-proof RJ-45 x 1 (optional)	10/100Base-TX Water-proof RJ-45 x 1 (optional)	10/100Base-TX Water-proof RJ-45 x 1 (optional)	10/100Base-TX Water-proof RJ-45 x 1 (optional)
	Serial Port	RS232 x 1, RS232/422/485 x 1	RS232 x 1, RS232/422/485 x 1	RS232 x 1, RS232/422/485 x 1	RS232 x 1, RS232/422/485 x 1	RS232 x 1, RS232/422/485 x 1	RS232 x 1, RS232/422/485 x 1
	USB Connector	USB2.0 x 2	USB2.0 x 2	USB2.0 x 2	USB2.0 x 2	USB2.0 x 2	USB2.0 x 2
	Audio	Line out (optional)	Line out (optional)	Line out (optional)	Line out (optional)	Line out (optional)	Line out (optional)
Expansion Slot	1 Mini PCI (internal slot)	Mini PCI x 1 (internal slot)	Mini PCI x 1 (internal slot)	Mini PCI x 1 (internal slot)	Mini PCI x 1 (internal slot)	1 Mini PCI (internal slot)	
Power Supply	9~30 V	9~30 V	9~30 V	9~30 V	9~30 V	9~30 V	
Operating Temperature	-4°F ~ 122°F (-20°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)	
Storage Temperature	-22°F ~ 158°F (-30°C ~ 70°C)	-22°F ~ 158°F (-30°C ~ 70°C)	-22°F ~ 158°F (-30°C ~ 70°C)	-22°F ~ 158°F (-30°C ~ 70°C)	-22°F ~ 158°F (-30°C ~ 70°C)	-22°F ~ 158°F (-30°C ~ 70°C)	
Front Panel Protection	All sides of IP 65 certificated	All sides of IP 65 certificated	All sides of IP 65 certificated	All sides of IP 65 certificated	All sides of IP 65 certificated	All sides of IP 65	
Certification	CE/ FCC Class A/ Metal Corrosion Resistant	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)	16.14" x 14.41" x 2.36" (410mm x 366mm x 60mm)	16.14" x 14.41" x 2.36" (410mm x 366mm x 60mm)	13.58" x 11.1" x 2.36" (345mm x 282mm x 60mm)	13.58" x 11.1" x 2.36" (345mm x 282mm x 60mm)	10.5" x 7.6" x 2.4" (266mm x 192mm x 60mm)	10.7" x 7.6" x 2.4" (272mm x 192mm x 60mm)	
Gross Weight	19.8 lb (9 Kg)	19.8 lb (9 Kg)	12.1 lb (5.5 Kg)	12.1 lb (5.5 Kg)	8.8 lb (4 Kg)	8.8 lb (4 Kg)	
Net Weight	16.5 lb (7.5 Kg)	16.5 lb (7.5 Kg)	9.9 lb (4.5 Kg)	9.9 lb (4.5 Kg)	6.6 lb (3 Kg)	6.6 lb (3 Kg)	
Mounting	VESA 75/100	VESA 75/100	VESA 75/100	VESA 75/100	VESA 75/100	VESA 75/100	

Note: All specifications are subject to change without notice.

AAEON Welcomes OEM/ODM Requests

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FOX



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Across the Frontier



Multi-Purpose, Waterproof Panel PC



AAEON[®]

Computing Platform Service Partner

Water Resistant, Completely Fanless, and Sunlight Readable

100% IP-65 Protection

All six sides of the chassis are IP65 certified. The whole system is sealed. The FOX Series is completely dust and water-proof so there is no need for concern with chemical spills, loose particles, or even moisture.



Sunlight Readable View

Traditional methods of high CCFL LCD lamps are easily overheated or cause the LCD to white in color. The FOX units have a special touch screen bond with the LCD monitor that enhances the FOX monitor to be used and read under sunshine.



Easy Installation

The FOX uses standard IP67 M12 connectors for all I/O connections, which allows for easy local purchases and simple installations.



Chemical Washable and Metal Corrosion-Resistant

For applications that involve sugar, food, meat or medical operations, the systems must be washed or cleaned with harsh chemical liquids. The Fox units offer protection with either a liquid powder coating on Aluminum or a stainless steel housing to guarantee reliability regardless of chemical contact.



Intel® Atom™ & Core™ 2 Duo Based Engine

AAEON not only designs Core™ 2 Duo Processor with dual core computing power, but also provides Atom™-based solutions for lower power consumption and mobility. (FOX-122 & FOX-81)



Vandal-Proof Panel Design

For outdoor and public environments, the FOX screen can be strengthened by an LCD bonding process utilizing tempered glasses. The enhancement of the screen makes the FOX more reliable in outdoor applications. (FOX-150VTT)





New Era of Human Machine Interface

The traditional human machine interface has always had problems protecting against water and dust. They either only offer front side protection or build an extra IP65 housing for more protection, which leads to poor ventilation. The FOX design has solved all these issues. The FOX Series has IP65 side protection, fanless computing, and a sunlight readable screen. It is ideal for indoor, semi-outdoor, marine, or vehicle applications.



Factory



Public Signage



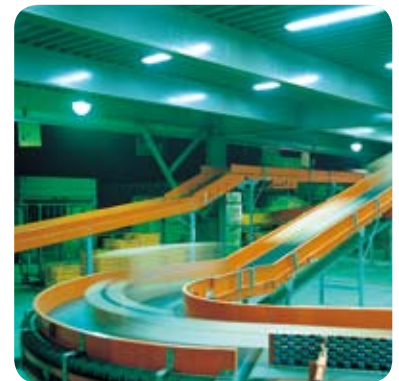
Container Traffic Management



Vehicle



Hospital



Food Production

Application Fields:

- » Agriculture (Candy, Bread, etc.)
- » Food Industry (Meat, Sausage, etc.)
- » Pharmacy Production (Drug, Medicine)
- » Production Plant (Tire maker, Cement, etc.)
- » Hospital Operation Room
- » Outdoor KIOSK (Fast Food Restaurants, Tourism Center)
- » Public Information Terminal (Bus stop, Train Station, School Bulletin Board)
- » Vehicle (Fork Lift, Crane, Container, Truck, Train, Vessel)

