

**PANEL PC / FANLESS PANEL PC**

**Saiph-4242-1-1245 - 12 Inch Panel PC**

Article number: Saiph-4242-1-1245



Touch Screen



Fanless Panel PC with 12 Inch TFT Display, XGA (1024 x 768), CPU Type: Intel Atom E3845

GENERAL DATA	
Type	Panel PC
Series	Saiph
Power button	Yes
Reset button	No
Cooling	Fanless
CPU	
CPU type	Intel® Atom™ E3845
CPU generation	Bay Trail-I
CPU family	Intel® Atom™
CPU socket	Soldered
CPU frequency	1.91 GHz
CPU frequency max.	1.91 GHz
CPU cores	4
L2 cache	2 MB
Hyperthreading	No
Embedded	Yes
MEMORY / RAM	
Socket type	Soldered
Number of slots	0
Storage type	DDR3L
ECC	No
Frequency	1333 MHz
Voltage	1.35 V
Capacity	4 GB

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STORAGE	
Bays 2.5 inch	1
Slot mSATA	1
Interface for bays	SATA 2.0
Amount connections for bays	1
GRAPHICS	
Graphic type	On board integrated
Graphic chip (GPU)	Intel® Graphics Gen 7
Graphic memory	Shared
Direct X Level	Level 11
OpenGL	3.0
VGA	1
LVDS	2 channels 24/48 bits
Resolution max.	1920 x 1080
DISPLAY	
Display size	12.1 Inch
Display type	TFT
Aspect ratio	4:3
Display colors max.	16700000
Display resolution	XGA (1024 x 768)
Display brightness	500 cd/m2
Backlight type (typical)	LED
Touchscreen	Resistiv
Touch Interface	USB
Contrast ratio	700
Viewing angle	80 (U), 80 (D), 80 (L), 80 (R)
Display ingress protection	IP65 (front)
ADDITIONAL INTERFACES	
RS-232	4
USB 2.0	4
Line-out	1
Mic-in	1
Digital Input	4 (Optional)
Digital Output	4 (Optional)
EXPANSION SLOTS	
mPCIe Half Size	1
mPCIe Full Size	1
ETHERNET	
Connector TX	RJ45
10/100/1000BaseTX Ports	2
POWER SUPPLY	
Power supply V DC	9 - 36 V
Power supply connector	DC IN +12 V

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PHYSICAL CHARACTERISTICS	
Housing material	Aluminium
Housing color	Black
Dimensions (W x H x D)	323.5 x 54 x 268 mm
Weight	3400 g
Mounting	VESA 75
ENVIRONMENTAL	
Operating temperature range	-20 - +60 °C
Humidity	5 - 95 %
APPROVALS	
CE	Yes
FCC	Class A

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