

**PANEL PC / FANLESS PANEL PC**

**Saiph-4242-1-1045 - 10 Inch Panel PC**

Article number: Saiph-4242-1-1045



Touch Screen

Fanless Panel PC with 10 Inch TFT Display, SVGA (800 x 600), 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

CAT-Saiph-4242-1-1045-V1 EN ed. 12/15 Welotec GmbH

**PANEL PC / FANLESS PANEL PC**
**Saiph-4242-1-1045 - 10 Inch Panel PC**

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	10.4 Inch
Display type	TFT
Aspect ratio	4:3
Display colors max.	16700000
Display resolution	SVGA (800 x 600)
Display brightness	350 cd/m2
Backlight type (typical)	LED
Touchscreen	Resistiv
Touch Interface	USB
Contrast ratio	1200
Viewing angle	88 (U), 88 (D), 88 (L), 88 (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

**PANEL PC / FANLESS PANEL PC**

Saiph-4242-1-1045 - 10 Inch Panel PC

POWER SUPPLY	
Power supply V DC	9 - 36 V
Power supply connector	DC IN +12 V
PHYSICAL CHARACTERISTICS	
Housing material	Aluminium
Housing color	Black
Dimensions (W x H x D)	279.5 x 54 x 231 mm
Weight	2670 g
Mounting	VESA 75
ENVIRONMENTAL	
Operating temperature range	-20 - +60 °C
Humidity	5 - 95 %
APPROVALS	
CE	Yes
FCC	Class A



**SARTELCO® SISTEMI SRL**

Via Torri Bianche, 1  
20871 Vimercate (MB)

Tel. +39- 039- 62905.1 Fax. +39- 039- 62905.99  
e-mail sistemi@sartelco.it Web [www.sartelco.it](http://www.sartelco.it)