

SP-077 SERIES

Front IP65 Silver Aluminum
Touch IPC

Features

7th Gen Intel® Core™ i7 7600U CPU
Fanless and rugged design
Display Size: 12" / 15" / 15.6" / 17" / 17.3" / 18.5" / 19" / 21.5" / 24"
5 Wires Resistive touch solution
IP65 Silver aluminum front bezel
2 x USB, 2 x RS232, 2 x GLAN, 1 x HDMI, 1 x VGA, 1 x DP
VESA mount & Panel mount & Clip mount
DC in 12V ~ 24V



Specifications

Display for 3:4 Ratio

Size	12.1" TFT	15" TFT	17" TFT	19" TFT
Resolution	1024 x 768	1024 x 768	1280 x 1024	1280 x 1024
Colors	16.7M	16.7M	16.7M	16.7M
Luminance	350 cd/m2	300 cd/m2	350 cd/m2	250 cd/m2
Contrast Ratio	800:1	2500:1	1000:1	1000 : 1
View Angle (H/V)	160°/160°	176°/176°	170°/160°	170°/160°

Display for 16:9 Ratio

Size	15.6" TFT	17.3" TFT	18.5" TFT	21.5" TFT	24" TFT
Resolution	1366 x 768	1920 x 1080	1920*1080	1366 x 768	1920*1080
Colors	16.7M	16.7M	16.7M	16.7M	16.7M
Luminance	400 cd/m2	400 cd/m2	400 cd/m ²	250 cd/m ²	350 cd/m ²
Contrast Ratio	500 : 1	700 : 1	600 : 1	1000 : 1	1000 : 1
View Angle (H/V)	170°/160°	160°/140°	160°/140°	170°/160°	178°/178°

SYSTEM

CPU	7th Gen Intel® Core™ i7 7600U CPU (On Board)
Memory	1 x 260-pin DDR4 2133MHz SODIMM up to 16 GB
Storage	1 x SATA 3.0 2.5" HDD/SSD
OS Support	Windows 10 Pro / Windows 10 IoT / Linux

I/O Ports

* The I/O interface shown may vary depending on the selected motherboard.			
RS232	2	USB 3.2 Gen 1	4
HDMI	1	GLAN	2
DP	1		

Expansion Slot

Mini PCI-E	2 x Full size Mini PCI-E (one w / NANO SIM-Holder & one w / mSATA) / WiFi optional
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MECHANICAL & ENVIRONMENTAL

Operation Temp.	0 ~ 45°C
Storage Humidity	10 ~ 90%, non-condensing

Form Factor

Touch Screen	5 Wires Resistive (Single touch)
Mounting	VESA mount (75 X 75mm / 100x100mm) & Panel mount & Clip mount
Power Supply	3 Pin power terminal block for DC in 12V ~ 24V

