

15" 17" 19" Celeron® J6412

Front IP65 Silver Aluminum Touch IPC

Features

Intel® Elkhart Lake SoC Processors J6412

Fanless and rugged design

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 9V~36V



Specifications

Display for 3:4 Ratio			
Size	15" TFT	17" TFT	19" TFT
Resolution	1024 x 768	1280 x 1024	1280 x 1024
Colors	16.7M	16.7M	16.7M
Luminance	300 cd/m2	350 cd/m2	250 cd/m2
Contrast Ratio	2500:1	1000:1	1000 : 1
View Angle	176°/176°	170°/160°	170°/160°
Model NO.	SP150R112S	SP170R112S	SP190R112S
SYSTEM			
CPU	Intel® Elkhart Lake SoC Processors J6412		
Memory	2 x 260-pin DDR4 3200MHz SODIMM up to 32 GB (16GB per DIMM)		
Storage	1 x SATA 3.0 /1 x M.2 (Key M, 3042/3060/2280) with PCIe x1 for SSD		
OS Support	Windows 10 Pro / Windows 10 IoT Windows 11 Pro / Windows 11 IoT		
TPM	TPM 2.0 onboard IC		
I/O Ports	* The I/O interface shown may vary depending on the selected motherboard.		
RS232/422/485	2	USB 2.0	1
VGA	1	USB 3.2 Gen2	1
HDMI	1	GLAN	1
Expansion Slot			
M.2	1 x M.2 (Key E, 2230) with PCIe x1 and USB 2.0 for WiFi optional 1 x M.2 (Key B, 3042/3052) with PCIe x1 / USB 3.2 and USB 2.0 and SIM for 4G / 5G		
MECHANICAL & ENVIRONMENTAL			
Operation	0 ~ 45°C		
Storage	10 ~ 90%, non-condensing		
Form Factor			
Touch Screen	5 Wires Resistive (Single touch)		
Mounting	VESA mount (75 X 75 mm) / (100 X 100 mm) & Panel mount & Clip mount		
Power Supply	3 Pin power terminal block for DC-In 9V~36V		

