

15.6" 17.3" 18.5" 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 16:9 Ratio					
Size	15.6" TFT		17.3" TFT	18.5" 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/m2	250 cd/m2	350 cd/m2
Contrast Ratio	500 : 1	700 : 1	600 : 1	1000 : 1	1000 : 1
View Angle	170°/160°	160°/140°	160°/140°	170°/160°	178°/178°
Model NO.	SP156R112S		SP173R112S	SP185R112S	
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				

