

15" 17" 19" N97

Front IP65 Silver Aluminum Touch IPC

Features

12th Gen Intel® Alder Lake-N N97
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.	SP150R113S	SP170R113S	SP190R113S
SYSTEM			
CPU	12th Gen Intel® Alder Lake-N N97		
Memory	1 x 260-pin SO-DIMM DDR4 3200 MHz, up to 32GB		
Storage	1 x SATA 3.0 / 1 x M.2 (Key M, 2242/2260/2280) with PCIe x1 or SATA3 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	DP	1
VGA	1	USB 3.2 Gen2	2
HDMI	1	GLAN	2
Expansion Slot			
M.2	1 x M.2 (Key E, 2230) with PCIe x1, USB 2.0 and CNVi for WiFi optional 1 x M.2 (Key B, 3042/3052) with PCIe x1 / USB 3.2 / 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 (100x100mm) & Panel mount & Clip mount		
Power Supply	3 Pin power terminal block for DC in 9V~36V		

