

# SMART 9570 i7 1255U 2L2S

**CPU:** Onboard Intel Alder Lake Intel Core i7-1255U  
 1.7GHz up to 4.7GHz, 10 Cores 12 Threads. 12MB cache  
 TDP 15W Intel Iris Xe Graphics.



## PRODUCT HIGHLIGHT

- Intel Core i7 1255U Processor
- 2x RJ45 Giga LAN + 2x DB9 232 COM ports.
- Support VGA + HDMI 1.4 dual displays outputs synchronously.
- One embedded SIM card slot onboard for 3G/4G Wi-Fi.
- Full aluminum alloy Black color shell for heat dissipation, Exquisite production craft on outside design.
- Fanless system, fit for industrial grade field, work as long as 24 hours.
- Low consumption TDP only 15W and can be mounted on the wall.
- Support AWAL, Wake On LAN, Watchdog, RTC functions.



### Basic Information :

<b>CPU</b>	Onboard Intel Core i7-1255U
<b>TDP</b>	15W
<b>Motherboard</b>	12 X 12 cm
<b>Chipset</b>	Intel Alder Lake
<b>Memory</b>	1x SO-DIMM DDR5 Slot Support 4GB/8GB/16GB/32GB/64GB
<b>OS</b>	Windows 10/11, WES 10, LINUX
<b>PXE</b>	YES
<b>Audio</b>	Intel High Definition Audio and USB Audio and HID
<b>Network</b>	2x Onboard RTL8111 Gigabit Ethernet NIC 10/100Mbps/1000Mbps BaseT LAN
<b>Video</b>	Intel Iris Xe Graphics

### Input / Output Port :

<b>Switch</b>	1x Power On/Off Switch
<b>Power</b>	1x 12V-19V DC In
<b>USB</b>	4x USB2.0, 4x USB3.0
<b>Display</b>	1x HDMI 1.4, 1x VGA
<b>LAN</b>	2x RJ45 Giga LAN
<b>COM</b>	2x DB9 RS232 COM
<b>Audio</b>	1x MIC, 1x SPK

### Storage :

<b>NVME</b>	1x M.2 slot NVME/NGFF 2280 SSD
<b>SATA</b>	1x SATA3.0 Slot for SATA HDD or SSD, support 6Gb/s

### Production Dimension & Details :

<b>Size</b>	193.9x127x57.2 mm
<b>Weight</b>	Net 1kg, Gross 1.5kg
<b>Shell</b>	Black color aluminium alloy
<b>Mounting</b>	4 mounting holes one the case baseplate
<b>Cooling Mode</b>	Fanless
<b>Functions</b>	AWAL, Wake On LAN, RTC, Watchdog

### Wi-Fi :

<b>Module</b>	1x mini PCIE-full/mini PCIE-half port for WiFi/Bluetooth Module 1x mini PCIE-half/full port for 3G/4G module
<b>Antena</b>	2x inner RF Cables and 2x external antenna

### Power and Working Environment :

<b>Input</b>	100-240V AC/50-60Hz
<b>Output</b>	DC+12V~+19V, recommend 12V/5A
<b>Operating Temperature</b>	-20°C/+60 Centigrade
<b>Storage Temperature</b>	-30°C/+70 Centigrade
<b>Relative Humidity</b>	10%~90% @30°C(non-condensing)

### Package Content :

<b>Standard</b>	1xMini PC, 1xPower Adapter, 1xPower Cord, 1x Screws Bag
<b>Optional</b>	Wi-Fi antennas, 1xHDMI cable, 1xuser Manual, 1x Long screw Bag



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