

Model: 10870H

CPU: 10th Gen 14nm CPU Comet Lake Intel Core i7-10870H 8 cores 16 threads 2.2GHz up to 5.0GHz
16MB cache TDP 45W Intel UHD Graphics.

Product Highlight:

- 2 x RJ45 Intel Giga LAN + 6 x COM(COM1 COM2 support RS232/422/485).
- Support 3 x HDMI 1.4 three display output 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 without cooling fan, fit for industrial grade field, work as long as 24 hours.
- Low consumption TDP only 45W and can be mounted on the wall.
- Support AWAL, Wake On LAN, Watchdog, RTC functions.



Basic Information:

CPU	Onboard Intel Core i7-10870H
TDP	45W
Motherboard	12 x 12 cm
Chipset	Intel Sunrise Point-LP, Intel Skylake-U
Memory	1 x SO-DIMM DDR4 Slot, Support 4GB/8GB/16GB/32GB
OS	Windows 7/Windows 8/Windows 10, WES 7/10, Linux
PXE	YES
Audio	Intel High Definition Audio and USB Audio and HID
Network	2 x i211+i219 10/100Mbps/1000Mbps BaseT LAN
Video	Intel UHD Graphics

Wi-Fi:

Module	1 x mini PCIE-full/mini PCIE-half port for Wi-Fi/Bluetooth module 1 x mini PCIE-half/full port for 3G/4G module
Antenna	2 x inner RF cables and 2 x external antennas

Power and Working Environment:

Input	100-240V AC/50-60Hz
Output	DC+12V~+19V, recommend 12V/5A
Operating Temperature	-10°C/+60°C
Storage Temperature	-20°C/+80°C
Relative Humidity	10%~90%@30°C(non-condensing)

Input/output port :

Switch	1 x Power On/Off Switch
Power	1 x 12V DC In
USB	4 x USB2.0, 4 x USB3.0
Display	3 x HDMI
LAN	2 x RJ45 Giga LAN
COM	6 x DB9 232 COM
Audio	1 x MIC, 1 x SPK
PS/2	1 x PS/2

Storage:

MSATA	1 x M-SATA3.0 slot for MSATA SSD, support 6Gb/s
M.2	1 x M.2 slot for NVME/NGFF 2280 SSD
SATA	1 x SATA3.0 slot for SATA HDD or SSD, support 6Gb/s

Product Dimension & Details:

Size	255 x 55 x 80mm
Weight	Net 2.5kg, Gross 3kg
Shell	Black color aluminum alloy(any customized color for bulk order)
Mounting	4 mounting holes one the case baseplate
Cooling Mode	Fanless
Functions	AWAL, Wake On LAN, RTC, Watchdog

Package Content :

Standard	1xMini PC, 1xPower Adapter, 1xPower Cord, 1xScrews Bag
Optional	Wi-Fi antennas, 1xHDMI cable, 1xUser Manual, 1xLong Screws Bag

