Product brochure

Model: G12-4278U

CPU: Onboard Intel Haswell 22nm CPU Intel Core i5-4278U 2.6GHz Max 3.1GHz (Turbo boost Technology) Dual Cores Four Threads 3MB cache TDP 28W Intel® Iris® Graphics 5100.

Model: G12-4578U

CPU: Onboard Intel Haswell 22nm CPU Intel Core i7-4578U 3.0GHz Max 3.5GHz (Turbo boost Technology) Dual Cores Four Threads 4MB cache TDP 28W Intel® Iris® Graphics 5100.

Model: G12-6157U

CPU: Onboard Intel Skylake 14nm CPU Intel Core i3-6157U 2.4GHz (Turbo boost Technology) Dual Cores Four Threads 3MB cache TDP 28W Intel® Iris® Graphics 550.

Model: G12-7287U

CPU: Onboard Intel Kaby Lake 14nm CPU Intel Core i5-7287U 3.3GHz Max 3.7GHz (Turbo boost Technology) Dual Cores Four Threads 4MB cache TDP 28W Intel® Iris® Plus Graphics 650.

Product Highlight:

- Optional Intel 4/6/7/8/10th Gen Core i3/i5/i7 CPU.
- 2 x RJ45 Intel Giga LAN + 2 x DB9 232 COM.
- Support VGA + HDMI 1.4 dual 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 crafton outside design.
- Fanless system without cooling fan, fit for industrial grade field, work as long as 24 hours.
- Low consumption TDP only 28W and can be mounted on the wall.
- Support AWAL, Wake On LAN, Watchdog, RTC functions.



Basic Information:

CPU	Onboard Intel Core i5-4278U / i7-4578U / i3-6157U / i5-7287U
TDP	28W
Motherboard	12 x 12 cm
Chipset	Intel Sunrise Point-LP, Intel Skylake-U
Memory	4th: 1 x SO-DIMM DDR3L Slot, Support 4GB/8GB 6th/7th/8th: 1 x SO-DIMM DDR4 Slot, Support 4GB/8GB/16GB/32GB 8th/10th: 2 x SO-DIMM DDR4 Slot, Support 4GB/8GB/16GB/32GB/64GB
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 Onboard Realtek RTL8111 Gigabit Ethernet NIC 10/100Mbps/1000Mbps BaseT LAN
Video	Refer to the above CPU

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	-20°C/+60°C
Storage Temperature	-30°C/+70°C
Relative Humidity	10%~90%@30°C(non-condensing)

Input/output port:

Switch	1 x Power On/Off Switch
Power	1 x 12V-19V DC In
USB	4 x USB2.0, 4 x USB3.0
Display	1 x VGA, 1 x HDMI 1.4
LAN	2 x RJ45 Giga LAN
COM	2 x DB9 232 COM
Audio	1 x MIC, 1 x SPK

Storage:

MSATA	4th: 1 x M-SATA3.0 slot for MSATA SSD, support 6Gb/s 6th/7th/8th/10th: 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	193.9*127*57.2mm
Weight	Net 1kg, Gross 1.5kg
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




