

### Model: M8A-8145U

CPU: Onboard 8th Gen Whiskey Lake 14nm CPU Intel Core i3-8145U Dual Cores Four Threads 2.1GHz up to 3.9GHz(Turbo boost Technology) 4MB cache TDP 15W Intel® UHD Graphics.

### Model: M8A-8260U

CPU: Onboard 8th Gen Whiskey Lake 14nm CPU Intel Core i5-8260U 4 Cores 8 Threads 1.6GHz up to 3.9GHz(Turbo boost Technology) 6MB cache TDP 15W Intel® UHD Graphics 620.

### Product Highlight:

- Brushed Full aluminum alloy case, compact structure and fanless system no any noise.
- Support 2 x DDR4 RAM slot, max 64GB DDR4 RAM.
- Dual Gigabit Ethernet and 2 x RS232 COM ports.
- Support HDMI 2.0(Audio&Video support)+HDMI 1.4(Middle, Video output only)+DP 1.2 (Video output only) three displays outputs.
- Support MSATA SSD+M.2 slot for NVME 2280 SSD and 2.5inch SATA3.0 HDD together.
- Multiple processors can be customized for bulk order such as Celeron 5205U, Pentium 5405U/6405U, Core i3-8145U, Core i5-8265U/8365U/8269U, Core i7-8565U/8569U, Core i3-10110U, Core i5-10210U/10310U, Core i7-10510U/10610U/10710U.



### Basic Information:

CPU	Onboard Intel Core i3-8145U / Intel Core i5-8260U
TDP	15W
BOIS	AMI EFI BIOS
Chipset	Whiskey Lake
Memory	2 x SO-DIMM DDR4 Slot Support 4GB/8GB/16GB/32GB/64GB DDR4-2133/2400MHz
OS	Windows®8/10, WES10, LINUX
PXE	YES
Network	2 x Onboard RTL8111 Gigabit Ethernet NIC 10/100Mbps/1000Mbps BaseT LAN
Video	Refer to the CPU

### Wi-Fi:

Module	1 x MSATA-half slot for WiFi & Bluetooth 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/+60 Centigrade
Storage Temperature	-30/+70 Centigrade
Relative Humidity	10%~95% @30(non-condensing)

### Input/output port :

Switch	1 x Power On/Off Switch
Power	1 x 12V DC In
LED	2 x LED
USB	4 x USB3.0
Display	1 x HDMI 2.0(Audio&Video support), 1 x HDMI 1.4(Middle, Video output only), 1 x DP 1.2(Video output only)
LAN	2 x RJ45 Giga LAN
Audio	1 x Headphone jack, 1 x Microphone
COM	2 x RS232 COM
Others	2 x Kensington Lock holes

### Storage:

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

### Product Dimension & Details:

Size	178.3x127.5x55.0mm
Weight	Net 2kg, Gross 2.5kg
Shell	Black color aluminum alloy(any customized color for bulk order)
Cooling Mode	Fanless, no cooling fan
Functions	PXE, Auto Power On, RTC

### Package Content :

Standard	1xMini PC, 1xPower Adapter, 1xPower Cord, 1xScrews Bag
Optional	Wi-Fi antennas, 1xHDMI cable, 1xUser Manual, 1xVESA mount & screws

