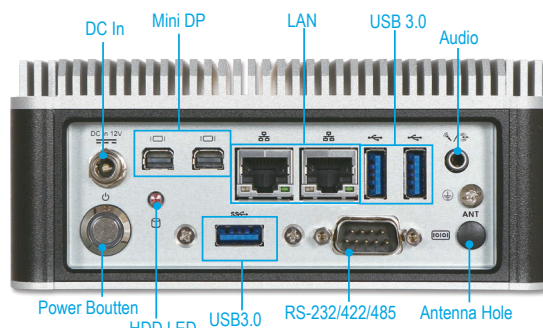




# WEBS-21G0

Embedded Compact Fan-less System with Intel®  
Whiskey Lake-U Core™ i Soc based NANO-ITX Board



The WEBS-21G0 builds on Intel® Whiskey Lake-U Core™ i SoC and takes advantages of Intel® Core™ mobile technologies that can support superior processing power and capability. Support two Gigabit Ethernet ports, two mini DP ports and M.2 2280 key M for storage. The WEBS-21G0 is an ideal platform which with high performance for fan-less applications in harsh environment, such as POS, kiosk, digital signage, transportation and automation.

## FEATURES

- Supports Intel® Whiskey Lake-U series processor
- 1x DDR4 2400 non-ECC SO-DIMM, Up to 32GB
- 1x M.2 key M 2280 for storage
- Supports Dual mini DP ports
- 1x Antenna hole for WiFi module
- IP 40 Rating

## ORDERING GUIDE

AS5-3587	(R).ATO.WEBS-21G0.NANO-ITX System.
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## System

M/B	NANO-6051
CPU	Intel® 8th Generation Whiskey lake-U series Processor Core i5/i3 processor (15W TDP)
BIOS	AMI uEFI BIOS
Memory	1x DDR4 2400 non-ECC SO-DIMM, Up to 32GB
Storage	1x M.2 key M 2280
Watchdog Timer	Programmable watchdog timer, time out period from 1 sec. to 255 secs.
Expansion	1x M.2 Key E 2230 for wireless module

## External I/O

Serial Port	1x RS-232/422/485 (BIOS Configurable)
Display	2x mini DP, resolution up to 4096x2304
USB	3x USB 3.0 ports
Audio	1x Combo Audio jack on rear I/O with Line-out / Mic in
Ethernet	2x Gigabit Ethernet (Intel® I219LM + I210AT)
Other	- 1x Antenna hole for WiFi module

## Power Supply Unit

Power Input	DC 12V via DC Jack
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## Environmental

Operation Temperature	0°C ~ 50°C
Storage Temperature	-40°C ~ 85°C
Relative Humidity	95%@40°C, non-condensing
Operation Vibration	3Grms/10-500Hz, IEC 60068-2-6
Operation Shock	50G, 11 msec, IEC 60068-2-27

## Mechanical

Dimension	150(W) x 150(D) x 62.6(H) mm; 5.9"(W) x 2.5"(D) x 2.1"(H)
Weight	2 Kg
Mounting	Wall/DIN Rail mounting

