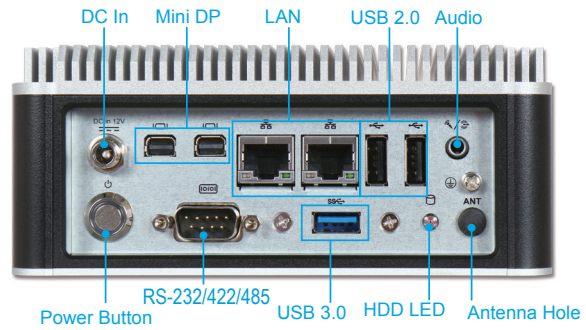


WEBS-21A0

Fanless Embedded System with 5th Generation Intel® Core™ Processor



WEBS-21A0 takes advantages of 5th Gen Intel® Core™ processors that deliver superior processing capability. With two Gigabit Ethernet ports and one half-size Mini PCIe interface, WEBS-21A0 is an ideal platform for fan-less embedded applications, such as POS, kiosk, digital signage, transportation and automation.

FEATURES

- 5th Gen Intel® Core™ processor
- DDR3L 1600/1333 MHz memory, 1x 204-pin SODIMM sockets, up to 8GB
- 1x 2.5" SATA HDD/SSD, 1x mSATA
- 1x half-size Mini PCIe socket

ORDERING GUIDE

WEBS-21A0-5350U	WEBS-21A0 with Intel® Core™ i5-5350U processor
WEBS-21A0-5010U	WEBS-21A0 with Intel® Core™ i3-5010U processor

OPTIONAL ITEMS

Adaptor-60W	60W power adapter with DC-plug
B7876560	VESA mount kit (75 x 75mm and 100 x 100mm mounting patterns)
B7876520	Wall mount kit
B7876510	DIN-rail mount kit

System

Motherboard	NANO-6050 Nano-ITX embedded motherboard
CPU	5th Generation Intel® Core™ processors in FCBGA1168 package i5-5350U, 1.8 GHz (2.9 GHz turbo), 3 MB, 15W TDP (2C/4T) i3-5010U, 2.1 GHz (no turbo), 3 MB, 15W TDP (2C/4T)
Chipset	Integrated
BIOS	AMI UEFI BIOS (SPI ROM)
System Memory	DDR3L 1600/1333 MHz memory (non-ECC) 1x 204-pin SODIMM sockets, up to 8 GB
Storage	1x 2.5" SATA III SSD/HDD (internal) 1x mSATA (internal)
Watchdog Timer	Programmable 1 to 255 minutes/seconds interval
H/W Status Monitor	CPU & system temperature Onboard voltages (CPU Vcore, 12V, 5V, 3.3V, RAM)
Expansion	1x half-size Mini PCIe socket (internal, USB + PCIe x1 signal)

External I/O

Serial Port	1x RS-232/422/485 (selectable by BIOS)
Display	2x Mini DisplayPort 1.2, resolution up to 3840 x 2160 @ 30Hz
USB	1x USB 3.0 2x USB 2.0 (optional kit: additional 2x USB3.0)
Audio	Intel® High Definition audio interface Realtek® ALC892 High Definition Audio 1x jumbo jack (Line-out/Mic-in)
Ethernet	2x Gigabit Ethernet (Intel® I218-AT) 2x RJ45 connectors with LED
Other	1x reserved cutout for wireless antenna

Power Supply Unit

Power Input	12V DC-in
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Environmental

Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 85°C
Relative Humidity	95% @ 40°C, non-condensing
Shock and Vibration	IEC 60068-2-64, 5Grms, 5-500Hz IEC 60068-2-27, 50G, 11 ms

Mechanical

Dimension	150 x 150 x 60 mm (5.9" x 5.9" x 2.4")
Weight	1.6 kg (3.5 lbs)
Mounting	VESA, Wall, DIN-rail

