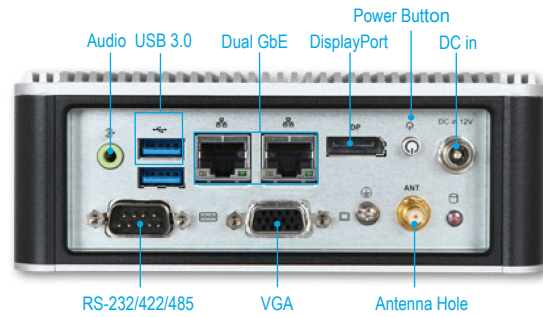


WEBS-21B0

Fanless Embedded System with Intel® Pentium® and Celeron® N3000 Product Family



WEBS-21B0 takes advantage of Intel® Pentium® and Celeron® N3000 product family. With low power, high performance CPU and M.2 socket (Type E), WEBS-21B0 is designed for IoT applications.

FEATURES

- Intel® Pentium® and Celeron® N3000 product family
- DDR3L 1600/1333 MHz memory, 1x 204-pin SODIMM sockets, up to 8GB
- 1x 2.5" SATA HDD/SSD, 1x mSATA, 1x SD card
- 1x M.2 socket (Type E)

ORDERING GUIDE

WEBS-21B0-N3710	WEBS-21B0 with Intel® Pentium® processor N3710
WEBS-21B0-N3160	WEBS-21B0 with Intel® Celeron® processor N3160

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



All product specifications are subject to change without notice.

System

Motherboard	NANO-6061 Nano-ITX embedded motherboard
CPU	Intel® Pentium® and Celeron® N3000 product family in FCBGA1170 package Pentium® N3710, 1.6 GHz (2.56 GHz turbo), 2 MB, 6W TDP (4C/4T) Celeron® N3160, 1.6 GHz (2.24 GHz turbo), 2 MB, 6W TDP (4C/4T)
Chipset	Integrated
BIOS	AMI UEFI BIOS (SPI ROM)
System Memory	DDR3L 1600/1333 MHz memory (non-ECC) 1x 204-pin SODIMM socket, up to 8 GB
Storage	1x 2.5" SATA III SSD/HDD (internal) 1x mSATA (internal) 1x SD card (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 M.2 socket (Type E; support)

External I/O

Serial Port	1x RS-232/422/485 (selectable by BIOS)
Display	1x VGA, resolution up to 1920 x 1200 @ 60Hz 1x DisplayPort, resolution up to 3840 x 2160 @ 30Hz
USB	2x USB 3.0
Audio	Intel® High Definition audio interface Realtek® ALC892 High Definition Audio 1x jumbo jack (Line-out/Mic-in)
Ethernet	2x Gigabit Ethernet (Intel® I211-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	5~95%, 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 53 mm (5.9" x 5.9" x 2.1")
Weight	1.6 kg (3.5 lbs)
Mounting	VESA, Wall, DIN-rail

Last updated: 2, 2016