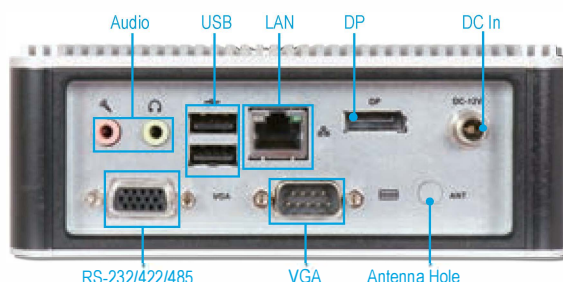


WEBS-2170

Embedded rugged fan-less system with Intel® Atom™ D2550 based NANO-ITX board



The WEBS-2170 adopts Intel® Atom™ D2550 CPU with NM10 chipset which for the Low Power compact size system. The new architecture integrates the 3D graphics engine and memory controller. The WEBS-2170 platform with fan-less and cable-less design is suitable for the kiosk, digital signage and networking applications.

FEATURES

- Fan-less and Cable-less & Small and Exquisite design
- Fan-less solution with Dual-Core CPU
- Intel® Atom™ D2550 1.86GHz processor based on Intel® NM10 platform
- 1x 2.5" SATA HDD/SDD, CF-SATA
- 1x Full-size Mini-PCIe socket (USB + PCIe x1 signal)
- Single DC 12V Power Input for easy system integration
- 1x Antenna hole for WiFi or 3G/GPS module to use
- OP Vibration: 5Grms/5~500Hz
- OP Shock: 50G, 11msec
- IP40 Rating

ORDERING GUIDE

AS5-3363	(R) ATO WEBS-2170 NANO-ITX System.
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System

M/B	NANO-5050
System Chipset	Intel® Cedarview NM10 Express chipset
CPU	Intel® Atom™ D2550, 1M L2 Cache, 1.86GHz, 10W TDP (2C/4T)
BIOS	Phoenix uEFI BIOS (SPI ROM)
System Memory	One 204-pin SODIMM socket supports DDR3 800/1066 up to 4GB
Storage	1x 2.5" SATA HDD/SSD, 1x CF-SATA
Watchdog Timer	Programmable via S/W from 1 sec. to 255 sec.
H/W Status Monitor	- Temperature (CPU & System) - Voltage (CPU Vcore, VBAT, 5VSB, 12V, 5V, 3.3V)
Expansion	1x Full-size Mini-PCIe socket

External I/O

Serial Port	1x RS-232/422/485 (Selected by jumper setting)
Display	1x VGA, 1x DP
USB	2x USB2.0 (Expanded to 6x USB2.0 by customizing)
Audio	Line-out/Mic-in (ALC892)
Ethernet	1x Gigabit Ethernet (Intel® 82583V)
Other	1x Antenna hole for WiFi or 3G/GPS module

Power Supply Unit

Power Input	DC 12V
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Environmental

Operation Temperature	-5°C to 45°C
Storage Temperature	-20°C to 80°C
Relative Humidity	95%@40°C, non-condensing
Operation Vibration	5Grms/5-500Hz, IEC 60068-2-64
Operation Shock	50G, 11 msec, IEC 60068-2-27

Mechanical

Dimension	150(W) x 150(D) x 53(H) mm; 5.9"(W) x 5.9"(D) x 2.1"(H)
Weight	1.3 kg
Mounting	Desk, Wall/Panel, and DIN Rail mounting

