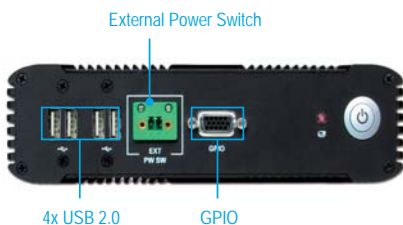
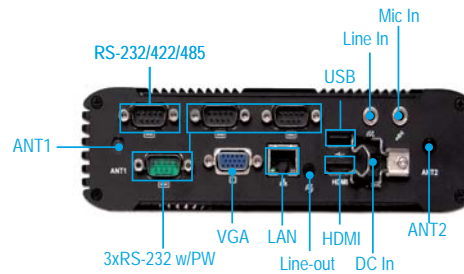


WEBS-1371

Embedded rugged fan-less system with Intel® ATOM™ D2550 based 3.5" ECX board



WEBS-1371 takes advantage of the processor's performance and furthermore Portwell design the CPU/chipset on the backside of the board which is good for system thermal design. Customer could take this advantage to have an easy and perfect thermal solution which could solve the thermal of CPU. Therefore, it's applied to, Kiosk, DS, and industrial automation.

FEATURES

- Fan-less solution with Dual-Core CPU
- Intel® Atom™ D2550 1.86GHz processor based on Intel® NM10 platform
- One Mini-PCle expansion
- Rich I/O is good for versatile applications
- Rugged and compact design for harsh environment
- Versatile mounting solution such as Wall and Panel mount (Optional)
- 4x COM port with Power
- Single DC 12V Power Input for easy system integration
- Dual Antenna hole for WIFI or 3G/GPS module to use
- IP 40
- OP Vibration: 5Grms/5~500Hz
- OP Shock: 50G, 11msec

ORDERING GUIDE

AS5-3352 (R) WEBS-1371.A.3.5" ECX System.

System

M/B	PEB-2772
System Chipset	Intel® NM10 Express chipset
CPU	Intel® Atom™ Processor D2550(1.86GHz, 10W)
FSB	800/1066 MHz
BIOS	Phoenix uEFI BIOS (SPI ROM)
System Memory	One 204-pin SODIMM socket support DDR3 800/1066 up to 4GB
Storage	1x SATA DOM, 1x SATA 2.5" HDD/SSD
Watchdog Timer	Programmable via S/W from 1 sec. to 255 sec.
H/W Status Monitor	Temperature (CPU & System), Voltage
Expansion	1x Mini-PCle socket

External I/O

Serial Port	3x powered RS-232 + 1x powered RS-232/422/485 (5V/RI/12V can be selected by jumper setting)
Display	1x VGA + 1x HDMI
USB	5x USB 2.0(Customizes can be expanded to 6 x USB 2.0)
Audio interface	Line-in,Line-out and Mic-in (ALC886)
Ethernet	1x Gigabit Ethernet (Intel 82583V)
Power Button	1x Power button+ 1x External power button
GPIO	Programmable 8-bit Digital I/Os
Other	2x Antenna hole for WiFi / 3G module

Power Supply Unit

Power Input	DC 12V
Adaptor	AC 100~240V

Environmental

Operation Temperature	-10°C to 50°C
Storage Temperature	-20°C to 80°C
Relative Humidity	95%@40°C, non-condensing
Operation Vibration	5Grms / 5-500Hz,IEC 60068-2-27
Operation Shock	50G, 11 msec, IEC 60068-2-27

Mechanical

Dimension	200(W) × 150(D) × 51(H)mm ; 7.9"(W) × 5.9"(D) × 2"(H)
Weight	1.6kg
Mounting	Desk, Wall/Panel-mounting

