

TBOX-2210

Industrial Intel Cedar Trail N2600 fan-less Box PC

Specification

V3.0

Brief Introduction

TAICENN TBOX-2210 is a high-performance fan-less industrial Box PC model, it adapts Intel Cedar trail N2600 CPUs, having advanced computer performance and low power consumption. TBOX-2210 storage can support 1 *mSATA and 1* 2.5 inch SATA SSD or HDD; The design has a variety of communication interface, with 2* LAN ports, 6* USB 2.0 ports, 6* RS232 (Optional with 1* RS485); The power input is DC 12V voltage, and has over-current, over-voltage and reverse-polarity protection.

TAICENN TBOX-2210 uses large area fin heat sink box construction, and it can prevent dust from entering the device system. Large aluminum fin heat sink can distribute the heat effectively and quickly, ensures the longer reliability and life-span of the system. TAICENN TBOX-2210 operating temp. is $-20^{\circ}\text{C}\sim+70^{\circ}\text{C}$, can be suitable for longer-time operating and harsh environment industrial application projects, such as intelligent transportation system, machine vision, medical device, textile machinery, rail transportation and industry automation. TAICENN TBOX-2210 can be compatible with Windows XP, Windows 7, Windows 7 Embedded, Unix/Linux Operating system and embedded Operating system, and it is also compatible with application software based on those operating systems.

Product Image



Specification parameter

Product model	TBOX-2210
System & Hardware	
BIOS	SPI AMI EFI BIOS
CPU	Intel N2600
CPU GHz	Dual core, 1.6Ghz
Memory	SO-DIMM, DDR3, Max. up to 4GB
Storage	1* 2.5" SATA + 1* mSATA
GPU	Intel Graphics GMA3650
Network	2* Intel RJ45 (Optional Wifi/3G/4G)
Audio	1* Line-out, 1* Mic
Expansion	1x full-size mPCIe slot
Watch dog	0~255 seconds programmable
System	Windows XP, Windows 7, Windows 7 Embedded, Linux
I/O	
COM	6*RS232, DB9, (Optional with 1* RS485/RS422)
Network	2*RJ45, 10/100/1000 Mbps
Audio	Line-In, Line-Out
USB	6*USB2.0
Display	1*VGA, 1*HDMI
Power Input	1*2 pins, phoenix port
GPIO	8*GPIO (Optional)
Structure	
Box Structure and surface	Aluminum alloy, anodizing and anti-scratch treatment
Cooling System	Finned aluminum heatsinks
Color	Silver + Black
Indicator	Power Switch/ Power LED/ HDD LED
Mounting	Support Desktop, Wall-mounted,
Dimension	236.5 x 150 x 60 (mm)
Net weight	About 1.5KG
Power & Environmental	
Voltage Input	DC 12V (Over-current, Over-voltage and reverse polarity protection)
Power Consumption	10W
EMC	CE/FCC Class A
Working temperature	-20°C~+70 °C

TBOX-2210	Intel N2600/1*HDMI/1*VGA/2*RJ45/6*USB/6*RS232/DC 12V/Line In/Line-Out
TBOX-2220	Intel N2800 /1*HDMI/1*VGA/2*RJ45/6*USB/6*RS232/DC 12V/Line In/Line-Out
Memory	DDR3 2G/4G
Storage	SSD: 16GB/32GB/64GB/128GB/256GB/512GB/1TB HDD: 500GB/1TB
Wireless module	Wifi: 802.11b/g/n Mini PCIe 150M 3G/4G: All network 4G module

TAICENN Technology

*TAICENN, is a leading global **solution provider** of Embedded Box IPC, Touch panel IPC and industrial monitor, which are designed specifically for systems and applications that require excellent performance, high-level reliability and stability, long supply period and supports.*

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