

WLP-7B20-10H

10" Intel Bay Trail Fanless High Brightness Industrial Panel PC



Key Features

- Wide temp. -20~65 °C Battrail Fanless Panel PC
- High brightness 1000nits LCD Panel
- Intel 4th gen. Baytrail-E3845 CPU
- 10.4" LCD with full flat Resistive touch screen
- IP66 in front water/dust proof bezel
- Panel mount capability
- Special design for Semi-outdoor / Indoor application

Main System

CPU	Intel® Atom™ Processor E3845, 1.91 GHz, Quad-core processor, 10W
Graphic	Intel® HD Graphics
Memory	Two 1333 MHz DDR3L SODIMM socket support dual Channel, non-ECC, up to 8 GB (Wide Temp.)
Serial ATA	SATA II controller (3.0Gb/sec) Port x 2
USB	External USB 2.0 type A x 3, USB3.0 x 1 Internal Mini-PCIE x2 (Default) or USB 2.0 pin head x 2 (Option) Touch x 1 USB 2.0 (Pin head) x 3
Serial port	External RS232 / RS422 / RS485 x 1 (Set by BIOS, RS485 auto flow), RS232 x 1 Internal RS232 x 1, RS232 (Jumper 5V, 12V) x 1
Audio	Realtek ALC262 Audio Codec, 2+2 watts power amplifier
LAN	Intel I210-AT Gigabit Ethernet x 2
WDT	Generates system reset; 256 segments, 0, 1, 2...255 sec/min.
BIOS	Brand: AMI Flash ROM size: 64Mb Support RTC wakeup / Wake on LAN / Power on after power failure / PnP / ACPI / RTC

LCD Panel

Size	10" 4:3
Resolution (pixel)	SVGA (800x600)
Brightness (cd/m2)	1000nit
Contrast	400:1
Number of Colors	262K, LVDS 6 bits
Viewing angle(U/D/L/R)	R/L 130(Typ.), U/D 120(Typ)
Response time	25 ms (R + F)
Backlight /life time	LED

Touch Panel

Technology	Full Flat Res. touch
Interface	USB
Hardness	4H
Life time	35 million times

Storage & Expansion

HDD SATA HDD drive bay x 1 (128G WT SSD Default)

Expansion slot Mini PCIe x 2

I/O & Control Keys

USB USB 2.0 x 3, USB 3.0 x 1
COM DB-9 x 3
{RS232 x 2, RS232/422/485 x 1(Set by BIOS, RS485 auto flow)}

LAN RJ-45 x 2, Gigabit
Audio Line-out, Microphone-in (3.5 mm phone-jack)
DVI output DVI-I x 1
Power input DC-in x 1, 7V~32V
Control keys Rear bottom: Power on/off, reset

LED indicator Aluminum bezel: System power on: green
HDD accessing: red

Power

Power adaptor AC 90 ~ 264V / 47 ~ 63 Hz / DC output 12V, 57W

Power consumption 29.92 W (MAX. Loading without adapter)

Mechanical & Environmental

Material construction Front bezel is Aluminum, others are SECC

Aluminum bezel Color Black
ID design Panel mount

IP rating Front IP66
Cooling Fanless

Mounting VESA 75 x 75 mm, Panel Mounting
Dimension 313 x 240 x 72 mm (W x H x D, panel mount)
Weight (net) 3.9 Kg (approximate, w/o power adaptor)

Temperature Operating : 12V DC Input -20~65°C
Storage : -20~65°C

Humidity Operating & storage – 10%~90%, non-condensing

Regulatory FCC, CE(EMC), VCCI Class B

