



Key Features

- 12" Intel Baytrail Fanless Industrial Panel PC
- Low power and true fanless thermal solution
- Onboard Intel Celeron J1900 SoC
- 12" LCD with full flat touch screen
- IP66 in front water/dust proof bezel
- Panel mount capability
- CE, FCC, VCCI Class B passed
- Optional Mini-PCle WLAN with external antenna



Main System

CPU	Intel® Celeron® J1900 2.0 GHz quad-core processor 10W
Graphics	Intel® HD Graphics
Memory	Two 1333 MHz DDR3L SODIMM socket support dual Channel, non-ECC, up to 8 GB

LCD Panel

Size	12" 4:3
Brightness	450 nits
Resolution	SVGA (800 x 600)
Color numbers	16.2M colors (6bit+ HiFRC); 262K colors selectable
Viewing angle	160 (H) / 140 (V)
Contrast	700:1

I/O & Power & 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
Power adaptor	External, 57 watts, 90~264V AC in, 12V DC out, 1.2m DC cable
Power consumption	30.702 W (MAX. Loading without adaptor)
Control keys	Rear bottom: Power on/off, reset

Mechanical & Environmental

Housing	Front bezel is Aluminum, others are SECC
IP rating	Front IP66
Cooling	Fanless
Dimension	369 x 290 x 55 mm (W x H x D, panel mount)
Weight (net)	4.5 Kg (approximate, w/o power adaptor)
Temperature	· Operating: 0°C~50°C (w/ air flow) / 0°C~40°C (no air flow) · Storage: -20°C~65°C
Humidity	Operating & storage – 10%~90%, non-condensing
Regulatory	FCC, CE(EMC), VCCI Class B

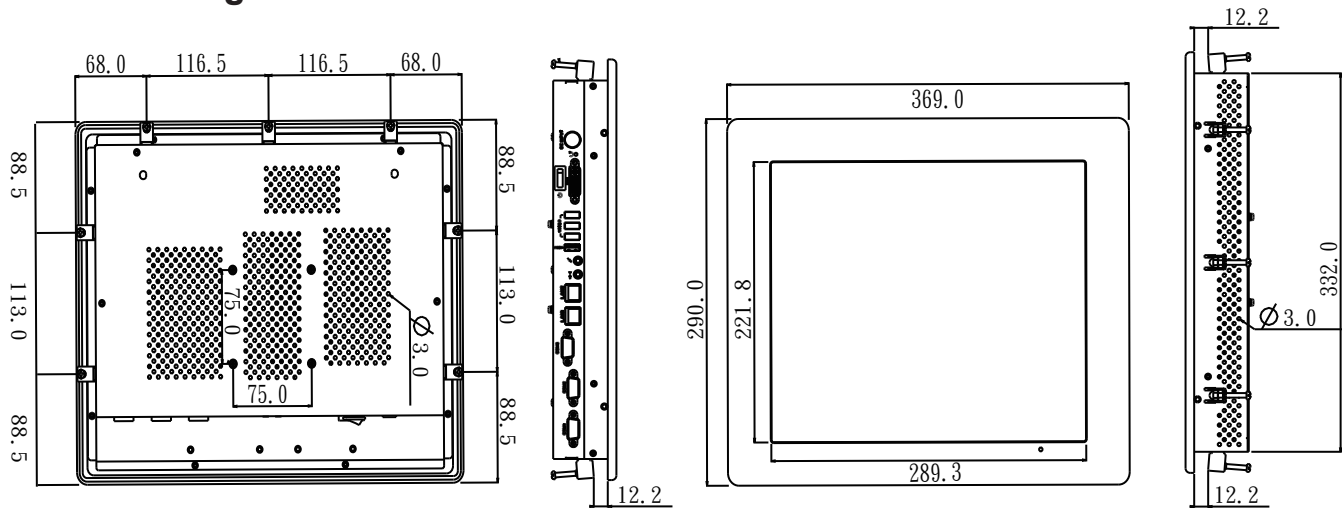
Storage & Expansion

HDD	2.5" SATA HDD drive bay x 1 + anti-vibration kit, 320 / 500 GB
Expansion slot	Mini PCIe x 2 (52 pin card-edge type)

Ordering Information

WLP-7B20-12 (BKFT)	R-Touch	Celeron-J1900 / 2G RAM / 320G HDD
WLP-7B20-12 (BKPT)	P-cap Touch	Celeron-J1900 / 2G RAM / 320G HDD

Outline Drawing

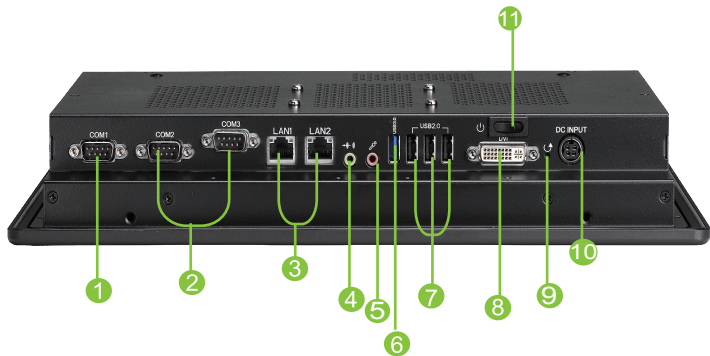


Options

Wireless or Wireless and BT kit (2 Dipole ant)
2.5" SSD
DC input power plug (black, 1.22m length)
Stainless front bezel
Change full flat resistive touch to P-cap touch (BKPT)
Sliver fornt bezel
Chassis type housing

Customization

Open frame housing
Storage door Solution
Sunlight readable optical bonding
LCD Auto dimming
LCD Super dimming (Low brightness)
TPM



- 1 RS232/422/485

2 RS232 x 2

3 LAN x 2

4 Line out

5 Microphone-in

6 USB 3.0
- 7 USB 2.0 x 3

8 DVI-I output

9 Reset

10 DC-in

11 Power on/off

