

Key Features

- 15" Intel Baytrail Fanless Industrial Panel PC
- Low power and true fanless thermal solution
- Onboard Intel Celeron J1900 SoC
- 15" LCD with full flat touch screen
- IP66 in front water/dust proof bezel
- Panel mount capability
- CE, FCC, VCCI Class B passed
- Optional Mini-PCIe 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	15" 4:3
Brightness	400 nits
Resolution	XGA (1024 x 768)
Color numbers	16.7 M colors (6bit+ HiFRC); 262K colors selectable
Viewing angle	160 (H) / 160 (V)
Contrast	600:1

Touch Panel

Technology	5-wire resistive touch (default)	Projected capacitive touch (option)
Type	Front full flat touch panel	Front full flat 2 point touch panel
Transparency	80±5%	90% ± 3%
Hardness	4H	7H
Durability	Knock 35 million times	Knock 100 million times

* OS support (Multi point) : Win 7 pro, Win 8, Win 8.1 industrial, Win10

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-7B20-15(BKFT)	R-Touch	Celeron-J1900 / 2G RAM / 320G HDD
WLP-7B20-15(BKPT)	P-cap Touch	Celeron-J1900 / 2G RAM / 320G HDD

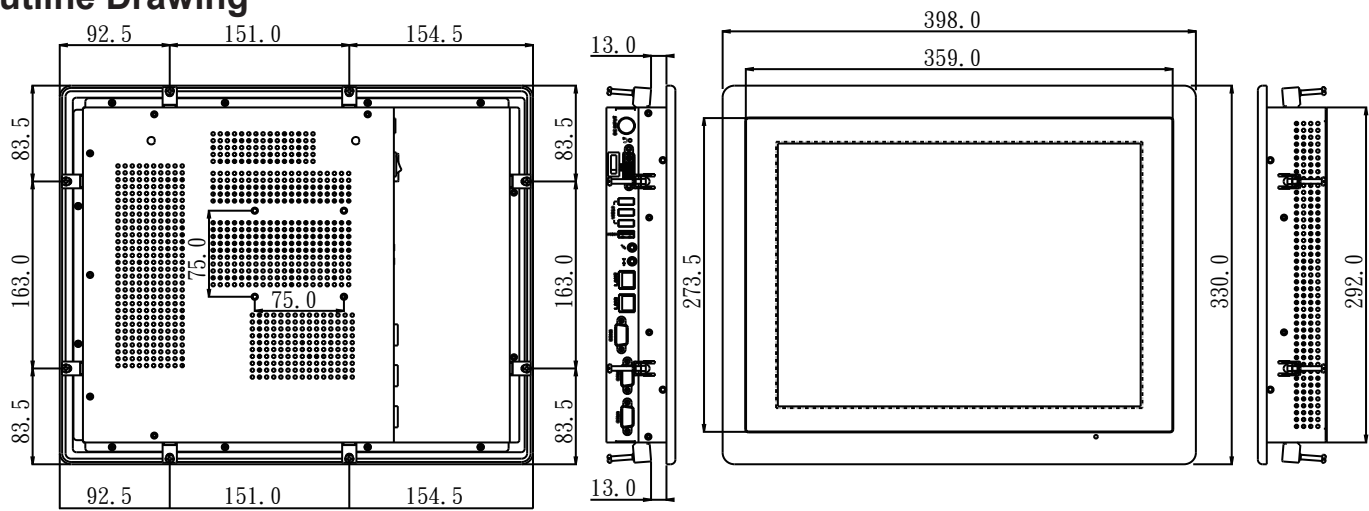
I/O & Power & Control Keys

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	29.928 W (MAX. Loading without adapter)
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	398 x 330 x 58 mm (W x H x D, panel mount)
Weight (net)	5.5 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

Outline Drawing

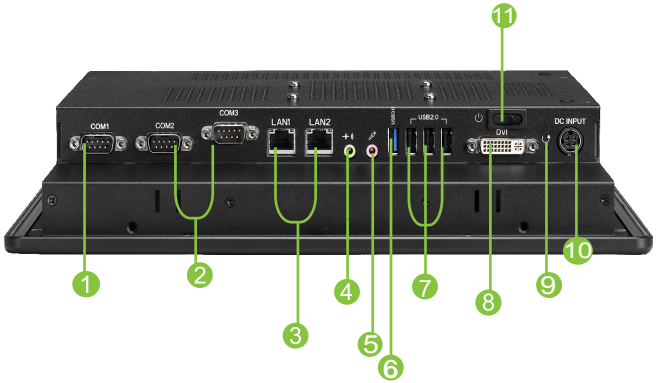


Options

Wireless or Wireless + BT kit (2 ant)
Lock touch screen
VGA output independent display (Dungle)
Silver front bezel
Stainless front bezel
Change resistive touch to P-cap touch (BKPT)

Customization

Anti UV and 7H coating
Sunlight readable optical bonding
Storage door solution
LCD Auto dimming
LCD Super dimming (Low brightness)



- 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

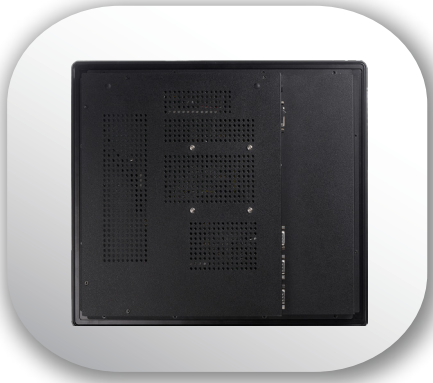
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Reset

10

DC-in

11

Power on/off

P-cap multi-touch (Option)