

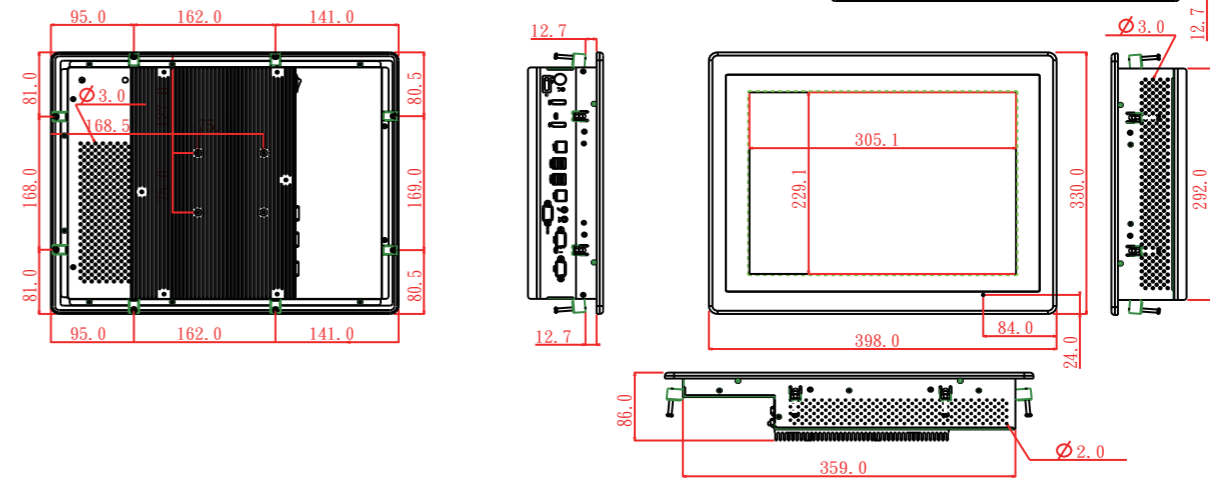
NEW

Key Features

- 15" Intel Core i7/i5 Fanless Industrial Panel PC
- Intel 6th gen. Skylake Core i CPU
- 15" LCD 4:3 1024x768 300nits
- Full flat resistive/P-cap touch with front IP66 design
- Front Panel mount housing
- CE, FCC, VCCI Class B passed
- Optional WLAN with external antenna



Outline Drawing



Main System

CPU	FCBGA1356 6th generation Intel® Core i7/i5/i3 processor (15W max.)
Chipset	SoC
VGA	Intel integrated HD Graphics 520 by CPU
Memory	Two 2133 MHz DDR4 SODIMM socket support dual Channel, non-ECC, up to 32GB

LCD Panel

Size	15" 4:3
Brightness	300 nits
Resolution	XGA (1024 x 768)
Color numbers	16.2 M colors
Viewing angle	R/L 160(Typ.), U/D 160(Typ)
Contrast	600:1

Touch Panel

Technology	5-wire resistive touch (default)	Projected capacitive touch (option)
Type	Front full flat touch panel	Front full flat 4 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
Expansion slot	• Mini PCIe x 1 (52 pin card-edge type) • M.2 Type E x 1

Ordering Information

WLP-7F20-15 BKFT (i5)	R-Touch	Core i5-6200U / DDR4 4G RAM / 500G HDD
WLP-7F20-15 BKPT (i5)	P-cap Touch	Core i5-6200U / DDR4 4G RAM / 500G HDD

I/O & Power & Control Keys

USB	USB 3.0 x 4
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)
Video output	DP x 2
Power input	DC-in x 1, 9V~32V
Power adaptor	External, 60 watts, universal 100 ~240V AC in, 12V DC out, 6.66A
Power consumption	44.7 watts (MAX. Loading without adaptor)
Control keys	Rear bottom: Power on/off, reset

Mechanical & Environmental

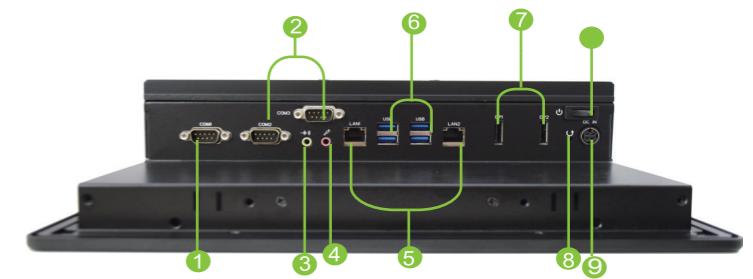
Housing	Front bezel is Aluminum, others are SECC
IP rating	Front IP66
Cooling	Fanless
Dimension	398 x 330 x 86 mm (W x H x D, panel mount)
Weight (net)	6 Kg (approximate, w/o power adaptor)
Temperature	• Operating: 0°C~50°C (w/ air flow) / 0°C~40°C (no air flow) • Storage: -20°C~60°C
Humidity	Operating & storage – 10%~90%, non-condensing
Regulatory	FCC-B, CE (EMC), VCCI

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 front bezel
mSATA module
450nits LCD Panel
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 Line out
- ④ Microphone-in
- ⑤ LAN x 2
- ⑥ USB 3.0 x 4
- ⑦ DP x 2
- ⑧ Reset
- ⑨ DC-in
- ⑩ Power on/off

