

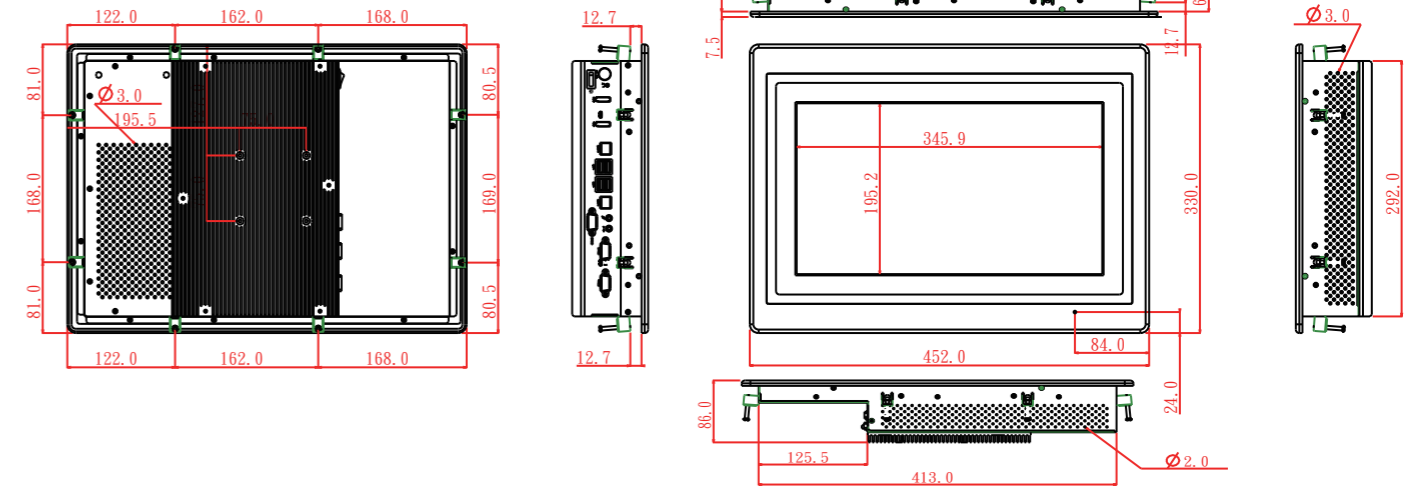
NEW

Key Features

- 16" Intel Core i7/i5 Fanless industrial panel PC
- Intel 6th gen. Skylake Core i CPU
- 16" LCD 16:9 1033 x 768 400nits
- Full flat resistive/P-cap touch with front IP66 design
- Front panel mount housing
- CE, FCC, VCCI Class B passed
- Optional Full HD LCD panel



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	16" 16:9
Brightness	400 nits
Resolution	XGA (1033 x 768)
Color numbers	16.2M colors
Viewing angle	R/L 170(Typ.), U/D 160(Typ)
Contrast	500:1

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 + anti-vibration kit
Expansion slot	• Mini PCIe x 1 (52 pin card-edge type) • M.2 Type E x 1

Ordering Information

WLP-7F20-16 BKFT (i5)	R-Touch	Core i5-6200U / DDR4 4G RAM / 500G HDD
WLP-7F20-16 BKFT (i7)	P-cap Touch	Core i7-6500U / 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	57.8 watts (MAX. Loading without adapter)
Control keys	Rear bottom: Power on/off, reset

Mechanical & Environmental

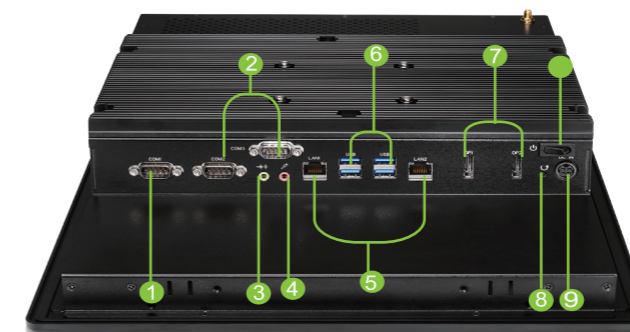
Housing	Front bezel is Aluminum, others are SECC
IP rating	Front IP66
Cooling	Fanless
Dimension	452.0 x 330.0 x 86.0 mm (W x H x D, panel mount)
Weight (net)	TBD Kg (approximate, w/o power adaptor)
Temperature	• Operating: 0°C~50°C (w/ air flow) / 0°C~40°C (no air flow) • Storage: -20°C~60°C
Humidity	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
- 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 Microphone-in
- ⑤ Line out
- ⑥ USB 3.0 x 4
- ⑦ DP x 2
- ⑧ Reset
- ⑨ DC-in
- ⑩ Power on/off

