

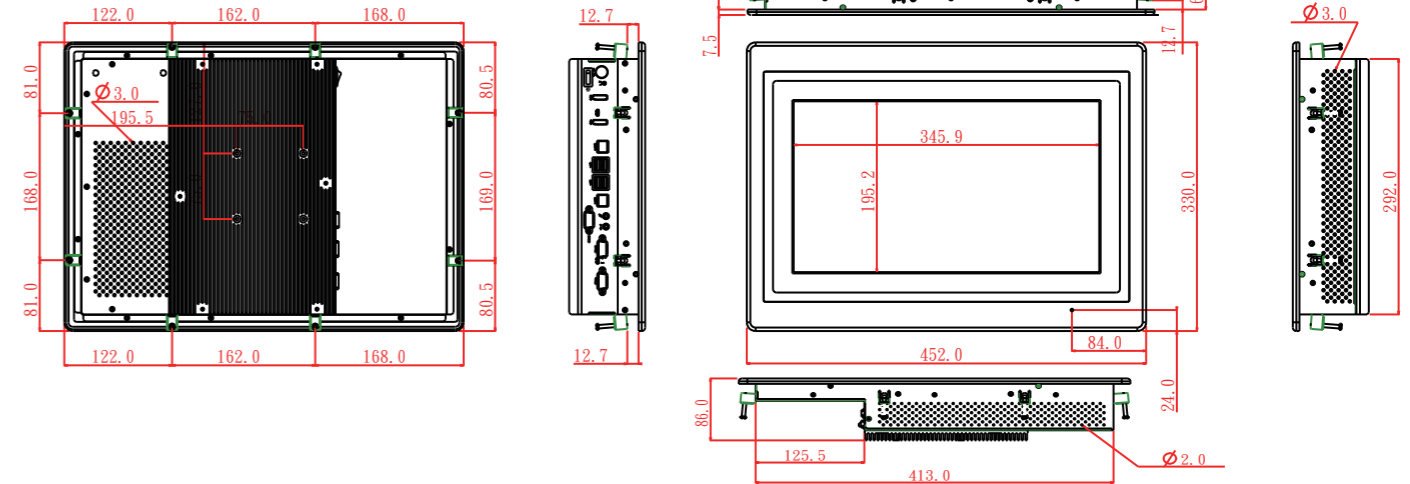
**NEW**

### 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

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

### LCD Panel

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

### Touch Panel

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

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

### Storage & Expansion

<b>HDD</b>	2.5" SATA HDD drive bay x 1 + anti-vibration kit
<b>Expansion slot</b>	• 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

<b>USB</b>	USB 3.0 x 4
<b>COM</b>	DB-9 x 3 {RS232 x 2, RS232/422/485 x 1 (Set by BIOS, RS485 auto flow)}
<b>LAN</b>	RJ-45 x 2 , Gigabit
<b>Audio</b>	Line-out, Microphone-in (3.5 mm phone-jack)
<b>Video output</b>	DP x 2
<b>Power input</b>	DC-in x 1, 9V~32V
<b>Power adaptor</b>	External, 60 watts, universal 100 ~240V AC in, 12V DC out, 6.66A
<b>Power consumption</b>	57.8 watts (MAX. Loading without adapter )
<b>Control keys</b>	Rear bottom: Power on/off, reset

### Mechanical & Environmental

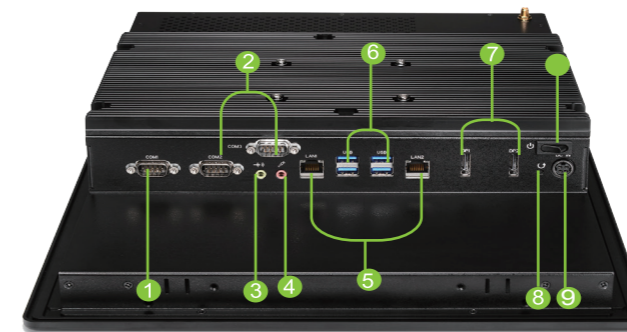
<b>Housing</b>	Front bezel is Aluminum, others are SECC
<b>IP rating</b>	Front IP66
<b>Cooling</b>	Fanless
<b>Dimension</b>	452.0 x 330.0 x 86.0 mm (W x H x D, panel mount)
<b>Weight (net)</b>	TBD Kg (approximate, w/o power adaptor)
<b>Temperature</b>	• Operating: 0°C~50°C (w/ air flow) / 0°C~40°C (no air flow) • Storage: -20°C~60°C
<b>Humidity</b>	Operating & storage – 10%~90%, non-condensing
<b>Regulatory</b>	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

