



Key Features

- 19" Intel Core i7/i5 Fanless Industrial Panel PC
- Intel 5th gen. Broadwell Core i3/i5/i7 CPU
- 19" 1000nits sunlight readable LCD
- Wide Temp. -20~60°C operation capability
- Full flat resistive touch with front IP66 design
- Front Panel mount housing
- CE, FCC, VCCI Class B passed
- Optional Mini-PCIe WLAN with external antenna



Main System

CPU	FCBGA1168 5th generation Intel® Core i7/i5/i3 processor (15W max.)
Chipset	SoC
VGA	Intel® integrated HD Graphics 5500 by CPU
Memory	Two 1600 MHz DDR3L SODIMM socket support dual Channel, non-ECC, up to 16GB

LCD Panel

Size	19" 4:3
Brightness	1000 nits
Resolution	SXGA (1280 x 1024)
Color numbers	16.7M colors
Viewing angle	R/L 170(Typ.), U/D 160(Typ)
Contrast	1000:1

Touch Panel

Technology	5-wire resistive touch (default)
Type	Front full flat touch panel
Transparency	80±5%
Hardness	4H
Durability	Knock 35 million times

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

Storage & Expansion

SSD	128GB 2.5" SATA SSD 3MG2-P x 1
Expansion slot	Mini PCIe x 2 (52 pin card-edge type)

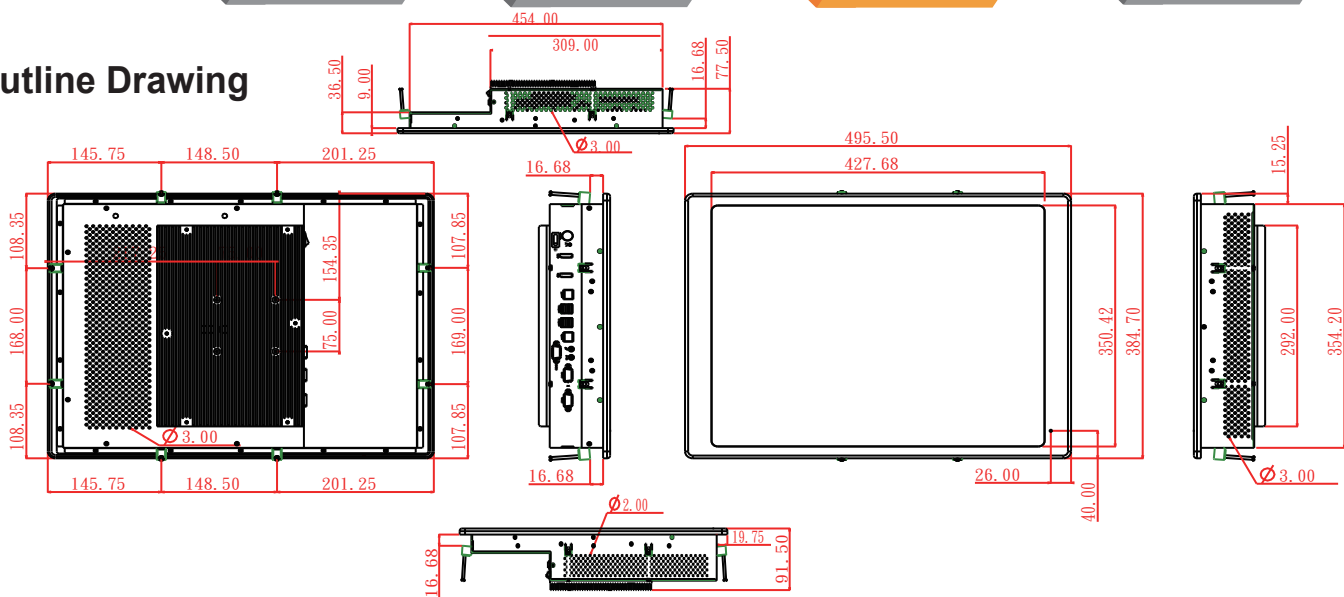
I/O & Power & Control Keys

USB	USB 3.0 x 2, USB 2.0 x 2
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, 7V~32V
Power adaptor	External, 80 watts, universal 100 ~240V AC in, 12V DC out, 6.66A
Power consumption	TBD 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	495.5 x 384.7 x 91.5 mm (W x H x D, panel mount)
Weight (net)	9.2 Kg (approximate, w/o power adaptor)
Temperature	· Operating: 12V DC Input -20~60°C (IEC60068-2-56, air flow cooling) · Storage: -20°C~60°C
Humidity	Operating & storage – 10%~90%, non-condensing
Regulatory	FCC-B, CE (EMC), VCCI

Outline Drawing

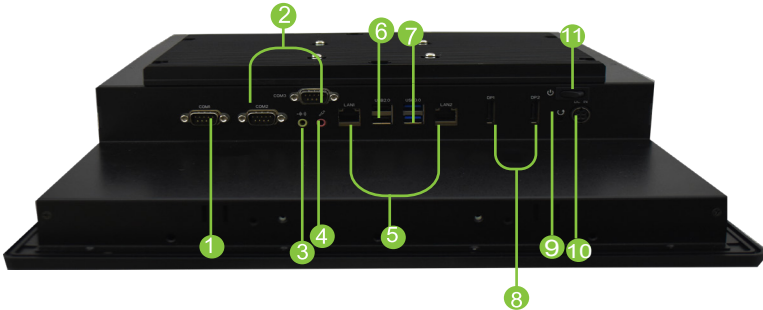


Options

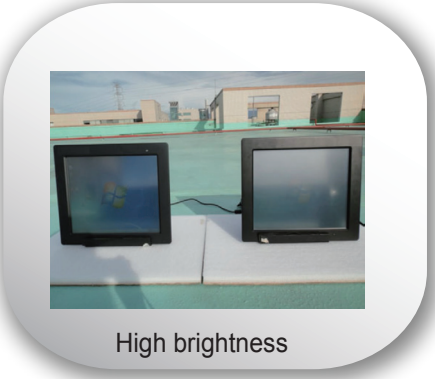
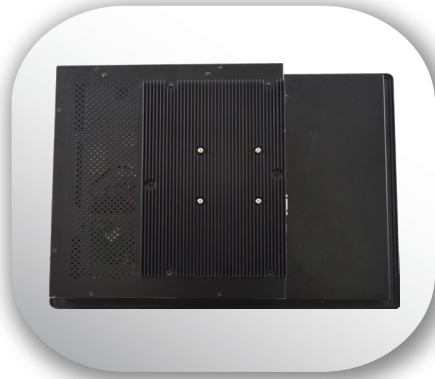
Wireless or Wireless + BT kit (2 ant)
mSATA module
Change full flat resistive touch to P-cap touch (BKPT)
DC input power plug (black, 1.22m length)

Customization

Open frame housing
Chassis type housing
Storage door Solution
Silver front bezel
Stainless front bezel
Change full flat resistive touch to resistive touch (BKRT)



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|-----------------|----------------|
| ① RS232/422/485 | ⑥ USB 2.0 x 2 |
| ② RS232 x 2 | ⑦ USB 3.0 x 2 |
| ③ Line out | ⑧ DP x 2 |
| ④ Microphone-in | ⑨ Reset |
| ⑤ LAN x 2 | ⑩ DC-in |
| | ⑪ Power on/off |



High brightness

Ordering Information

WLP-7D20-19H BKFT (i5)	R-Touch	Core i5-5200U / 4G RAM / 128G SSD
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