



Features

- Intel® 6th /7th Generation Core i7/i5/i3 CPU
- 19" 1000nits Sunlight Readable LCD
- Wide Temp. -20~60°C Operation Capability
- Full Flat Resis. Touch w/ Front IP66 Design
- CE, FCC, VCCI Class B Passed
- Optional LCD Auto Dimming

Specification

Product		WLP-7F20-19H BKFT	WLP-7F20-19H BKPT
Main System	CPU	6th generation Intel® Core i7/i5/i3 processor 7th generation Intel® Core i7/i5 processor	
	Graphic	Intel® integrated HD Graphics 520 by CPU	
	Memory	Two 2133 MHz DDR4 SODIMM socket support dual Channel, non-ECC, up to 32GB	
	OS Support	Win 7, Win 7 Pro, Win 8, Win 10	
Display	Size	19", 5:4	
	Resolution (pixel)	1280 x 1024 (SXGA)	
	Number of Colors	16.7M colors	
	View Angle (H/V)	170(H) / 160(V)	
	Brightness(cd/m ² , nit)	1000 nits	
	Contrast Ratio	1000:1 (Typ)	
Touch Panel	Type	Full flat resistive touch panel	Full flat projected capacitive touch panel
	Light Transmission	80 ± 5%	90 ± 3%
	Hardness	3H	7H
	Lifetime	35M times	100M times
Storage & Expansion	Storage	2.5" SATA HDD drive bay x 1 (with anti-vibration mechanism) / SATA DOM	
	Expansion	Mini PCIe x 1, M.2 Type E x 1	
I/O Ports	USB	USB 3.0 x 4	
	COM	2 X RS-232, 1 X RS-232/422/485	
	LAN	2 x RJ-45	
	Audio / Video	3.5mm phone jack connector x 2 (Line-out, Mic-in) / DP x 2	
	Control Keys	Rear bottom: Power on /off	
Power	Power input	DC 9 ~ 32V, DC 12V, optional DC 12 (by DC-DC adapter)	
	Power adapter	External, 100 watts, universal 100 ~240V AC in, 12V DC out, 8.33A	
Environmental	Temperature	Operating Temperature: -20~60°C (12V DC , air flow cooling) Storage Temperature: -20~60°C	
	Humidity	Operating & Storage: 10 ~ 90%, non-condensing	
	Water/Dust resistance	IP66 at front	
Mechanical Characteristics	Housing	Front bezel is Aluminum, others are SECC with black coating	
	Dimensions (Net: mm)	495.5 (H) x 384.7 (V) x 91.5 (T)	
	Weights (Net: kg)	9.2 kg	
	Mounting	Panel mount, Optional Open frame / Chassis, VESA (75x75)	
Certification	CE/ FCC/ VCCI Class B, Canada ICES-003		

