



## CUSTOMIZABLE PANEL PC

MECHANICAL	
CONSTRUCTION	Aluminium Front Bezel with customizable front
MOUNTING	Panel Mount
DIMENSIONS (mm)	483 x 310 x 79
NET WEIGHT (kg)	7.5 kg
IP RATING	IP65
CERTIFICATE	CE
ENVIRONMENT	
OPERATING TEMPERATURE	0 ~ 50° C
STORAGE TEMPERATURE	-30 ~ 70° C
STORAGE HUMIDITY	10 ~ 90 % non-condensing
INQUIRY CODES	
WPC-818N	18.5", 1366x768, Pentium N4200, RST, 9-36V DC, 300 cd/m2
WPC-818FN	18.5", 1920x1080, Pentium N4200, RST, 9-36V DC, 300 cd/m2
NOTE	RAM and Storage capacity must be specified in the inquiry

MODEL	WPC-818N	
SYSTEM		
CPU	Intel® Pentium N4200, Quad Core, 1.10GHz, 6W	
SYSTEM CHIPSET	SoC	
MEMORY	2x 204-pin SO-DIMM, Dual Channel DDR3L 1867 Mhz, max. 16GB	
OPERATING SYSTEM	Windows 10®	
GRAPHICS	Intel® Gen9 Graphics DX 12	
INTERFACE PORTS		
LAN	2x GbE RJ45 (2x Intel® i210) with 10/100/1000 Mbps	
SERIAL	3x RS232, 1x RS-232/422/485	
USB	2x USB 3.1 (Gen1), 4x USB 2.0	
VIDEO	1x HDMI 1.4b, 1x VGA, 1x LVDA (or eDP)	
GPIO	4x GPI + 4x GPO	
AUDIO	2x Audio (Mic-in, Line-Out), 1x Speaker Header	
STORAGE		
mSATA	1x Half size with USB 2.0 colay with mini-PCIe	
SATA	1x SATA3 (6Gb/s)	
EXPANSIONS		
PCIe	1x Full size with PCIe x1 and USB 2.0	
Mini-PCIe	1x Full size with USB 2.0	
DISPLAY		
DISPLAY TYPE	18.5" TFT-LCD 16:9	
MAX RESOLUTION	1366 x 768	1920 x 1080 (F)
MAX COLOR	16.7M	
BRIGHTNESS (cd/m²)	300	
VIEW ANGLE (H°/V°)	85/80	
BACKLIGHT LIFETIME (hrs)	50000	
CONTRAST	1000:1	
TOUCHSCREEN		
TYPE	Resistive (R)	
INTERFACE	USB	
LIGHT TRANSMISSION	Resistive: 80	
POWER		
POWER INPUT	9 ~ 36V DC	
POWER CONSUMPTION	50W	
POWER PORTS	Power ON/OFF button, 4-pin DC-in jack	

