



ALUMINIUM PANEL PC

MECHANICAL	
CONSTRUCTION	Aluminium Front Bezel, Aluminium die-casting chassis
MOUNTING	Panel Mount, VESA 100x100
DIMENSIONS (mm)	541 x 333 x 59
NET WEIGHT (kg)	6.3 kg
IP RATING	IP66 compliant front bezel
CERTIFICATE	CE / FCC Class A
ENVIRONMENT	
OPERATING TEMPERATURE	0 ~ 50° C -20 ~ 60° C (Optional)
STORAGE TEMPERATURE	-30 ~ 70° C
STORAGE HUMIDITY	10 ~ 90% @40 non-condensing
INQUIRY CODES	
HELIO-910C	21.5" TFT, 1920x1080, Intel® Core 11th Gen, PCT, 9-36V DC, 250cd/m2
HELIO-910CH	21.5" TFT, 1920x1080, Intel® Core 11th Gen, PCT, 9-36V DC, 1000cd/m2
NOTE	RAM and Storage capacity must be specified in the inquiry

MODEL	HELIO-921C	
SYSTEM		
CPU	11th Gen. Intel® Core i3-1115G4E (Dual Core, 6 MB cache, 2.20 GHz) 11th Gen. Intel® Core i5-1145G7E (Quad Core, 8 MB cache, 1.50 GHz)	
SYSTEM CHIPSET	SoC	
MEMORY (MAX)	2x 260-pin SO-DIMM up to 64GB DDR4 3200MHz	
OPERATING SYSTEM	Windows 10/11®	
GRAPHICS	Intel® UHD Graphics 620	
INTERFACE PORTS		
USB/SERIAL	4x USB 3.0 type A 1x DB-9 1x RS-232 (COM1) 1x RS-232/422/485 (COM 2)	
LAN	2x GbE LAN RJ-45	
AUDIO	1x Audio Line Out	
VIDEO	1x DP/HDMI	
ADDITIONAL PORTS	4G LTE Wi-Fi + BT 4x USB 2.0 type A 4x USB type A + Mini-PCIe + 1 SIM slot 1x COM + 2x USB 2.0 1x COM + 2x USB 2.0 + 1x Power Button 2x COM 2x COM + 1x Mini PCIe slot + 1x SIM slot 2x Conf.COM 2x CAN 1x LAN + 2x USB 2.0 1x LAN + 2x USB 2.0 type A	
UPS (Optional)	UPS Battery TBD - UPS and TB-528 board can not coexist	
STORAGE		
M.2	1x M-Key 2280 (support PCIe/SATA3)	
EXPANSIONS		
Expansion slot	1x Mini-PCIe slot (full size) 1x M.2 E Key for Wi-fi/BT 1x Nano SIM slot	
DISPLAY		
DISPLAY TYPE	21.5" TFT-LCD 16:9	
MAX RESOLUTION	1920 x 1080	
MAX COLOR	16.7M	
BRIGHTNESS (cd/m²)	250	1000
VIEW ANGLE (H°/V°)	178/178	
CONTRAST	1000:1	
TOUCHSCREEN		
TYPE	Projected Capacitive (P)	
INTERFACE	USB	
LIGHT TRANSMISSION	Capacitive 90%	
POWER		
POWER INPUT	9 ~ 36V DC	
POWER CONSUMPTION	MAX. 92W	
POWER PORTS	1X 3-pin Terminal Block Connector 1x 2-pin Power Switch Connector	

