



ALUMINIUM PANEL PC

MECHANICAL	
CONSTRUCTION	Aluminium Front Bezel, Aluminium die-casting chassis
MOUNTING	Panel Mount, VESA 100x100
DIMENSIONS (mm)	328 x 227 x 57.6
NET WEIGHT (kg)	3.1 kg
IP RATING	Ip66 compliant front bezel
CERTIFICATE	CE / FCC Class A / UL
ENVIRONMENT	
OPERATING TEMPERATURE	0 ~ 50° C -20 ~ 60° C (Optional)
STORAGE TEMPERATURE	-30 ~ 70° C
STORAGE HUMIDITY	10 ~ 95% @40 non-condensing
INQUIRY CODES	
VISION-812WAR	12.1" TFT, 1280x800, Intel® Pentium N4200, RTS, 9-36V DC, 600cd/m2
VISION-812WARH	12.1" TFT, 1280x800, Intel® Pentium N4200, RTS, 9-36V DC, 1000cd/m2
VISION-812WAP	12.1" TFT, 1280x800, Intel® Pentium N4200, PCT, 9-36V DC, 600cd/m2
VISION-812WAPH	12.1" TFT, 1280x800, Intel® Pentium N4200, PCT, 9-36V DC, 1000cd/m2
NOTE	RAM and Storage capacity must be specified in the inquiry

MODEL	VISION-812W	
SYSTEM		
CPU	Intel® Pentium N4200 (2M Cache, 1.1GHz) Optional Intel® Celeron N3350 (2M Cache, 1.1 Ghz)	
SYSTEM CHIPSET	SoC	
MEMORY (MAX)	Onboard 4GB DDR3L SDRAM max. 8GB (Optional)	
OPERATING SYSTEM	Windows 7 10®	
GRAPHICS	Intel HD® Graphics 505 / 500	
INTERFACE PORTS		
USB/SERIAL	2x USB 3.0 Type A, 1x RS232/422/485 Db9 (COM1), 1x Rs232 Db9 (COM2)	
LAN	2x GbE LAN RJ-45 Intel I210-AT	
AUDIO	1x Audio Line Out	
	VESA STAND	
ADDITIONAL OPTIONS	4G LTE Wi-Fi 4/5/6 + BT 4x USB 2.0 type A 4x USB 2.0 type A + 1x Mini-PCIe + 1 SIM slot 2x COM RS232 1x COM + 2x USB 2.0 1x COM + 2x USB 2.0 + 1x Power Button 2x COM + 1x Mini-PCIe slot + 1x SIM slot 2x Conf. COM 2x CAN 1x LAN + 2x USB 2.0 type A	
UPS (Optional)	UPS Battery 21W/10.8V/1.95Ah - UPS and TB-528 board can not coexist	
STORAGE		
HDD / MOVABLE	1x 2.5" SATA3 HDD space 1x Micro SD card slot	
EXPANSIONS		
Onboard expansion bus	1x Mini-PCIe slot (full size) 1x Micro SIM slot	
DISPLAY		
DISPLAY TYPE	12.1" TFT-LCD 16:10	
MAX RESOLUTION	1280 x 800	
MAX COLOR	16.7M	
BRIGHTNESS (cd/m²)	600	1000
VIEW ANGLE (H°/V°)	170/170	176/176
CONTRAST	1000:1	700:1
TOUCHSCREEN		
TYPE	Resistive (R)	Projected Capacitive (P)
INTERFACE	USB	
LIGHT TRANSMISSION	Resistive 80%	Capacitive 90%
POWER		
POWER INPUT	9 ~ 36V DC	
POWER CONSUMPTION	MAX. 35W	
POWER PORTS	1X 3-pin Terminal Block Connector 1x 2-pin Power Switch Connector	

