



ALUMINIUM PANEL PC

MECHANICAL	
CONSTRUCTION	Aluminium Front Bezel, Aluminium die-casting chassis
MOUNTING	Panel Mount, VESA 100x100
DIMENSIONS (mm)	319 x 245 x 51.7
NET WEIGHT (kg)	2.8 kg
IP RATING	IP66 compliant front bezel
CERTIFICATE	CE / FCC Class A / UL
ENVIRONMENT	
OPERATING TEMPERATURE	0 ~ 50° C
STORAGE TEMPERATURE	-30 ~ 70° C
STORAGE HUMIDITY	10 ~ 90% @40°C, non-condensing
INQUIRY CODES	
VISION-812R	12.1" TFT, 800x600, Intel® Pentium N4200, RTS, 9-36V DC, 450/500cd/m2
VISION-812RH	12.1" TFT, 1024x768, Intel® Pentium N4200, RTS, 9-36V DC, 1000cd/m2
VISION-812P	12.1" TFT, 800x600, Intel® Pentium N4200, PCT, 9-36V DC, 450/500cd/m2
VISION-812PH	12.1" TFT, 1024x768, Intel® Pentium N4200, PCT, 9-36V DC, 1000cd/m2
NOTE	
RAM and Storage capacity must be specified in the inquiry	
System is only allowed to build in either I/O TB-528 series or backup battery	

VISION-812			
SYSTEM			
CPU	Onboard Intel® Pentium™ N4200 Processor(1.83GHz)		
SYSTEM CHIPSET	SoC		
MEMORY (MAX)	Onboard 4GB DDR 3L 1333 MHz/8GB (option)		
OPERATING SYSTEM	Windows 10®		
GRAPHICS	Intel HD® Graphics 313/854MHz		
INTERFACE PORTS			
USB	2x USB 3.0 Type A		
SERIAL	1x RS-232 DB-9 (COM 2), 1x RS-232/422/485 DB-9 (COM 1), default RS-232		
LAN	2x GbE LAN RJ-45		
AUDIO	1x Audio Line Out		
ADDITIONAL PORTS*	VESA Stand, 4G LTE/WiFi/BT, 4x USB 2.0, 4x USB 2.0 + 1x Mini-PCIe + 1x SIM slot 2x RS-232, 1x RS-232 + 2x USB 2.0, 1x RS-232 + 2x USB 2.0 + 1x Power Button 2x RS-232 + 1x Mini-PCIe slot + 1x SIM slot, 2x isolated RS-422/485 2x CAN, 1x LAN + 2x USB 2.0 1x non-isolated LAN PoE + 2x USB 2.0, 1x isolated LAN + 2x USB 2.0		
BATTERY	Backup Battery 21W/10.8V/1.95Ah (3S1P)		
STORAGE			
HDD	1x SATA 2.5" HDD bay (easy Accessible)		
MOVABLE DEVICE	1x SD card slot		
EXPANSIONS			
EXPANSION SLOT	1x Internal Mini-PCIe slot full size		
DISPLAY			
DISPLAY TYPE	12.1" TFT-LCD 4:3		
MAX RESOLUTION	800 x 600	1024 x 768	
MAX COLOR	16.2M		
BRIGHTNESS (cd/m²)	450/500	1000	
VIEW ANGLE (H°/V°)	178/178		
CONTRAST	700:1	1000:1	1500:1
TOUCHSCREEN			
TYPE	Resistive (R)	Projected Capacitive (P)	
INTERFACE	USB		
LIGHT TRANSMISSION	Resistive 80%	Capacitive 90%	
POWER			
POWER INPUT	9 ~ 36V DC		
POWER CONSUMPTION	Max. 29W		
POWER PORTS	1x 3-pin Terminal Block Connector 1x 2-pin Power Switch Connector		

