



ALUMINIUM PANEL PC

MECHANICAL	
CONSTRUCTION	Aluminium Front Bezel, Aluminium die-casting chassis
MOUNTING	Panel Mount, VESA 100x100
DIMENSIONS (mm)	499.6 x 314.6 x 65.4
NET WEIGHT (kg)	6 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-818R	18.5" TFT, 1366x768, Intel® Pentium N4200, RTS, 9-36V DC, 300/350cd/m2
VISION-818RHF	18.5" TFT, 1920x1080, Intel® Pentium N4200, RTS, 9-36V DC, 1000cd/m2
VISION-818P	18.5" TFT, 1366x768, Intel® Pentium N4200, PCT, 9-36V DC, 300/350cd/m2
VISION-818PHF	18.5" TFT, 1920x1080, 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-818		
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	18.5" TFT-LCD 16:9	
MAX RESOLUTION	1366 x 768	1920 x 1080 (F)
MAX COLOR	16.2M	16.7M
BRIGHTNESS (cd/m²)	300/350	1000
VIEW ANGLE (H°/V°)	170/160	178/178
CONTRAST	1000:1	
TOUCHSCREEN		
TYPE	Resistive (R)	Projected Capacitive (P)
INTERFACE	USB	
LIGHT TRANSMISSION	Resistive 80%	Capacitive 90%
POWER		
POWER INPUT	9 ~ 36V DC	
POWER CONSUMPTION	Max. 34W	
POWER PORTS	1x 3-pin Terminal Block Connector 1x 2-pin Power Switch Connector	

