



## 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)	TBD
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-J6	18.5" TFT, 1366x768, Intel® Celeron™ J6412, RST, 9-36V DC, 300/350cd/m2
VISION-818RF-J6	18.5" TFT, 1920x1080, Intel® Celeron™ J6412, RST, 9-36V DC, 1000cd/m2
VISION-818P-J6	18.5" TFT, 1366x768, Intel® Celeron™ J6412, PCT, 9-36V DC, 300/350cd/m2
VISION-818PF-J6	18.5" TFT, 1920x1080, Intel® Celeron™ J6412, 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-J6		
SYSTEM		
CPU	Onboard Intel® Celeron™ J6412 Processor (1.8GHz, 1.5MB Cache)	
SYSTEM CHIPSET	SoC	
MEMORY (MAX)	1x 260-pin SO-DIMM up to 32GB DDR4 3200MHz	
OPERATING SYSTEM	Windows 10/11®	
GRAPHICS	Intel HD® Graphics 313/854MHz	
INTERFACE PORTS		
USB	2x USB 3.2 Type A (Gen. 2), 2x USB 2.0 Type A	
SERIAL	1x RS-232/422/485 (Default RS-232)	
LAN	2x 2.5 GbE LAN RJ-45	
AUDIO	1x Audio Line-Out	
DP	1x DP, support DP++	
ADDITIONAL PORTS*	VESA Stand, 4G LTE, 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 2W Speaker, 1x Auto Dimming	
STORAGE		
HDD	1x M.2 B-Key slot (Support SATA3; 2242/2280)	
EXPANSIONS		
EXPANSION SLOT	1x Mini-PCIe slot (full size) 1x M.2 E-Key, 1x Nano SIM Card Holder	
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)	300/350	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	TBD	
POWER PORTS	1x 3-pin Terminal Block Connector 1x 2-pin Power Switch Connector	

