



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)	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-812R-J6	12.1" TFT, 800x600, Intel® Celeron™ J6412, RTS, 9-36V DC, 450cd/m2
VISION-812RH-J6	12.1" TFT, 800x600, Intel® Celeron™ J6412, RTS, 9-36V DC, 1000cd/m2
VISION-812P-J6	12.1" TFT, 800x600, Intel® Celeron™ J6412, PCT, 9-36V DC, 450cd/m2
VISION-812PH-J6	12.1" TFT, 800x600, Intel® Celeron™ J6412, PCT, 9-36V DC, 1000cd/m2
NOTE	
RAM and Storage capacity must be specified in the inquiry	
*TB-528 series, speaker only be in either one	

VISION-812-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/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 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	
	Standard Optional High Brightness
DISPLAY TYPE	12.1" TFT-LCD 4:3
MAX RESOLUTION	800 x 600 1024 x 768 (Opt.) 800 x 600 1024 x 768 (Opt.)
MAX COLOR	16.7M 16.2M 16.7M 16.2M
BRIGHTNESS (cd/m²)	450 500 1000 1000
VIEW ANGLE (H°/V°)	176/176 178/178 176/176 178/178
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

