



## 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)	2.6 kg
IP RATING	IP66 compliant front bezel
CERTIFICATE	CE / FCC Class A
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-912AR	12.1" TFT, 800x600, Intel® Core 6th Gen, RTS, 9-36V DC, 450/500cd/m2
VISION-912ARH	12.1" TFT, 1024x768, Intel® Core 6th Gen, RTS, 9-36V DC, 1000cd/m2
VISION-912AP	12.1" TFT, 800x600, Intel® Core 6th Gen, PCT, 9-36V DC, 450/500cd/m2
VISION-912APH	12.1" TFT, 1024x768, Intel® Core 6th Gen, PCT, 9-36V DC, 1000cd/m2
NOTE	RAM and Storage capacity must be specified in the inquiry

VISION-912A	
SYSTEM	
CPU	Onboard 6th Gen Intel® Core i3-6100U Processor 2.3GHz Onboard 6th Gen Intel® Core i5-6300U Processor 2.3GHz
SYSTEM CHIPSET	SoC
MEMORY (MAX)	1x 260-pin SO-DIMM DDR4 up to 16GB 2133MHz
OPERATING SYSTEM	Windows 7/10®
GRAPHICS	Intel HD® Graphics 520
INTERFACE PORTS	
USB/SERIAL	2x USB 3.0 Type A, 1x DB9 COM1 RS232/422/485, 1x DB9 RS232
LAN	2x GbE LAN RJ-45
AUDIO	1x Audio Line Out
ADDITIONAL PORTS	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 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 1x LAN (45W isolated POE PD) + 2x USB 2.0 type A (TB-528E1U2U POE) VESA Stand
UPS (Optional)	UPS Battery 21W - UPS and TB-528 board can not coexist
STORAGE	
HDD	1x 2.5" SATA3 HDD SPACE
EXPANSIONS	
Onboard expansion bus	1x 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	1500:1      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. 45.5W
POWER PORTS	1X 3-pin Terminal Block Connector   1x 2-pin Power Switch Connector

