



ALUMINIUM PANEL PC

MECHANICAL	
CONSTRUCTION	Aluminium Front Bezel, Aluminium die-casting chassis
MOUNTING	Panel Mount, VESA 100x100
DIMENSIONS (mm)	412 x 277.5 x 58.9
NET WEIGHT (kg)	4.5 kg
IP RATING	IP66 compliant front bezel
CERTIFICATE	UL / 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-916BR	15.6" TFT, 1366x768, Intel® Core 8th Gen, RTS, 9-36V DC, 400/450cd/m2
VISION-916BRH	15.6" TFT, 1920x1080, Intel® Core 8th Gen, RTS, 9-36V DC, 1000cd/m2
VISION-916BP	15.6" TFT, 1920x1080, Intel® Core 8th Gen, PCT, 9-36V DC, 400/450cd/m2
VISION-916BPH	15.6" TFT, 1024x768, Intel® Core 8th Gen, PCT, 9-36V DC, 1000cd/m2
NOTE	RAM and Storage capacity must be specified in the inquiry

MODEL	VISION-916B		
SYSTEM			
CPU	Onboard 8th Gen Intel® Core i3-8145UE Processor(2C/4T,2.2GHz) Onboard 8th Gen Intel® Core i5-8365UE Processor(4C/8T,1.6GHz)		
SYSTEM CHIPSET	SoC		
MEMORY (MAX)	1x 260-pin SO-DIMM up to 32GB DDR4 2400MHz		
OPERATING SYSTEM	Windows 10/11®		
GRAPHICS	Intel HD® Graphics 313/854MHz		
INTERFACE PORTS			
USB/SERIAL	4x USB 3.0 Type A, 1x DB-9, 1x RS-232 COM1, 1x RS-232/422/485 COM 2		
LAN	2x GbE LAN RJ-45		
AUDIO	1x Audio Line Out		
VIDEO	1x DP Port		
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		
UPS (Optional)	UPS Battery 21W - UPS and TB-528 board can not coexist		
STORAGE			
M.2	1x M-Key slot (Support PCIe/SATA / 2241/2280 / Default 2242)		
EXPANSIONS			
Onboard expansion bus	1x Mini-PCIe slot (full size) 1x Nano SIM Card Holder		
DISPLAY			
DISPLAY TYPE	15.6" TFT-LCD 16:9		
MAX RESOLUTION	1366 x 768	1920 x 1080	
MAX COLOR	16.7M	16.2M	
BRIGHTNESS (cd/m²)	400/450	1000	
VIEW ANGLE (H°/V°)	170/160	170/170	160/160
CONTRAST	500:1		800:1
TOUCHSCREEN			
TYPE	Resistive (R)		Projected Capacitive (P)
INTERFACE	USB		
LIGHT TRANSMISSION	Resistive 80%		Capacitive 90%
POWER			
POWER INPUT	9 ~ 36V DC		
POWER CONSUMPTION	MAX. 60W		
POWER PORTS	1X 3-pin Terminal Block Connector 1x 2-pin Power Switch Connector		

