



ALUMINIUM PANEL PC

MECHANICAL	
CONSTRUCTION	Aluminium Front Bezel
MOUNTING	Panel Mount
DIMENSIONS (mm)	320 x 245 x 83
NET WEIGHT (kg)	4.5
IP RATING	IP66 Front Bezel
CERTIFICATE	CE / FCC Class A
ENVIRONMENT	
OPERATING TEMPERATURE	0 ~ 50° C
STORAGE TEMPERATURE	-20 ~ 70° C
STORAGE HUMIDITY	10 ~ 90% @40 non-condensing
INQUIRY CODES	
SLIM-912R-FN8	12.1" TFT, 1024x768, Intel® Core™ 8th Gen, RST, Alim. 9-36V DC, 500cd/m2
SLIM-912P-FN8	12.1" TFT, 1024x768, Intel® Core™ 8th Gen, PCT, Alim. 9-36V DC, 500cd/m2
NOTE	
RAM and Storage capacity must be specified in the inquiry	

MODEL	SLIM-912-FN8	
SYSTEM		
CPU	8th Gen. Intel® Core™ (Whiskey Lake-U) Processors i3-8145UE, DC, 2.2GHz i5-8365UE, QC, 1.6GHz	
SYSTEM CHIPSET	MCP	
MEMORY	2x 260-pin SO-DIMM 32GB DDR4 2400MHz	
OPERATING SYSTEM	Windows 10/11®	
GRAPHICS	Intel® Gen9 Graphics DX 12	
INTERFACE PORTS		
USB	6x USB 3.2 (2x Gen1, 4x Gen2), 2x USB 2.0	
SERIAL	3x COM RS232, 1x COM RS232/422/485	
LAN	2x RJ45 Gigabit LAN (1x Intel i219-LM/V, 1x Intel i210) 10/100/1000 Mbps	
VIDEO PORTS	2x DP (1.2), 1x LVDS 4x GPO + 4x GPI	
AUDIO	2x Audio (Mic-In, Line-Out), 1x Speaker header	
OTHERS	2x additional LAN (optional)	
STORAGE		
M.2	1x Key M (2242/2280) with PCIe x4 and SATA3 for SSD	
SATA	1x SATA3	
EXPANSIONS		
M.2	1x Key E (2230) with Mini-PCIe x1, USB 2.0 for Wireless	
DISPLAY		
DISPLAY TYPE	12.1" XGA TFT-LCD 4:3	
MAX RESOLUTION	1024 x 768	
MAX COLOR	16.7M	
BRIGHTNESS (cd/m²)	500	
VIEW ANGLE (H°/V°)	88/88	
CONTRAST	1000:1	
TOUCHSCREEN		
TYPE	Resistive (R)	Projected Capacitive (P)
INTERFACE	USB	
LIGHT TRANSMISSION	Resistive: 80%	Projected Capacitive: 90%
POWER		
POWER INPUT	9 ~ 36V DC	
POWER CONSUMPTION	50W	
POWER PORTS	1x ON/OFF Power button, 1x 3-pin DC Power	

SLIM-912-FN8

