

SPCNAV03

EDGE COMPUTING



PROCESSOR	6-core Arm® Cortex®-A78AE v8.2, 64-bit CPU, 1.5MB L2 + 4MB L3	
MEMORY	4GB 64-bit LPDDR5, 2133 MHz, 34 Gb/s 8GB 128-bit LPDDR5, 2133 MHz, 68 Gb/s	
VIDEO GRAPHICS	4GB: 512-core NVIDIA Ampere architecture GPU with 16 Tensor Cores MAX 625MHz 8GB: 1024-core NVIDIA Ampere architecture GPU with 32 Tensor Cores MAX 625MHz	
VIDEO OUTPUT	HDMI 1.4b x 1 (1920 x 1080 resolution, 60 Hz)	
ETHERNET	Realtek 1Gb x 1, Intel I226-V 2.5Gb x 1	
WLAN	M.2 2230 E key (optional) External antenna (Dipole) (optional)	
STORAGE	M.2 2280M SSD (PCIe only)	
FRONT PANEL	(1) USB 3.2 Gen 2 (Type-A) (1) USB OTG 3.2 Gen 2 (Type-A) (bottom port) (1) RJ45 (Realtek 1.0G LAN) Supports S3 Wake-On-Lan function (1) RJ45 (Intel I226-V 2.5G LAN) (1) Line-out (1) Mic-in (1) HDMI 1.4b (1) DC-in 3-pin terminal block	
BACK PANEL	(1) DIO (Digital I/O) (1) RS232/422/485	
EXPANSION	(1) M.2 2280 E key slot (PCIe only)	
DIMENSIONS	4.7(L) x 2.95(W) x 2(H) inches	
INPUT VOLTAGE	12V-24V DC, 3-pin terminal block	
ACCESSORIES	VESA mount (100 mm) and screws Din Rail mount (50 mm) Din Rail clip Ear Mount (optional)	
OPERATING TEMPERATURE	-20 - 55°C The working temperature can only reach 55°C at a wind speed of 0.7 m/s The operating temperature can only reach 50°C in a windless environment	
RELATIVE HUMIDITY	10% - 90% RH (non-condensing)	
OPERATING SYSTEM	Linux Ubuntu 22.04	
EMC	CE, FCC, VCCI, BSMI	
SAFETY	CB, cTUVus, CEC, BSMI	

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