VITA S v4

Features

- Intel 8th Gen. Core i7/i5 Processors
- IP66/IP69K Rated Enclosure
- Fanless Construction
- Low Power Consumption Optimized
- 1 x 260-pin DDR4 SO-DIMM, up to 32GB
- Stainless Steel Enclosure



Technical Specifications

Display	
LCD Size	15.6" 21.5" 23.8" (16:9)
Max. Resolution	15.6": 1366x768, 1920x1080 (optional) 21.5": 1920x1080 23.8" 1920x1080
Brightness (cd/m^2)	250 cd/m^2
Contrast Radio	1000:1
LCD Color	16.7M
Viewing Angle (H-V)	eGalaxTouch Digitizer
Backlight MTBF	50,000 hrs.
Touch	
Touch Screen	Projected Capacitive
System	
Processor	Core i5-8365UE (Quad core, 6 MB cache, 1.6GHz)
System Chipset	Whiskey Lake SOC
Graphics Controller	Intel HD Graphics 620 (Core CPU)
LAN Chipset	1 x GbE
System Memory	Up to 32GB DDR4 2400 (1x SO-DIMM)
TPM	TPM 2.0
Operating System	
Windows	Windows 11 Pro Windows 11 IoT GAC Windows 10 IoT LTSC 2021 Windows 11 IoT LTSC 2024
Storage	
SSD/HDD	1 x 2.5" SATA Bay (Optional)
M.2 NVMe	1 x M.2 M-key 2242, SATA, or NVMe
Expansion	
Mini PCI Express	1 x MiniPCIe x1 w/SIM slot
Other Features	
Cooling Method	Fanless

Physical	
Dimensions (W x H x D)	15.6": 17.32 x 11.42 x 2.17 in (440x290x55mm) 21.5": 22.48 x 14.25 x 2.17 in (571x362x55mm) 23.8" 25.83 x 16.65 x 2.09 in (656x423x53mm)
Weight	15.6": 6.64kg (14.64 lbs) 21.5": 10.0kg (22.05 lbs) 23.8" 13.0kg (28.66 lbs)
Enclosure Materials	SUS304 Stainless Steel Enclosure Optional SUS316 Stainless Steel
Mounting	VESA 100, Optional Yoke Mount
I/O	
COM	1x DB9 Serial RS232 - via M12 cable (Optional)
USB	2x USB 2.0 - via inlcuded M12 split cable 1x USB 3.0 - via M12 cable (Optional)
LAN	1x GbE RJ45 port - via included M12 cable
Others	1 x Sealed Power Switch
Power	
Power Input Voltage	0% ~19 ~ 36VDC
Power Connector	M12 Connector
Power Adapter	Sealed External Power Adapter, 24V @ 5A (120W)
Enviornment	
Operating Temp.	32°F to 122°F (0°C to 50°C)
Storage Temp.	-22°F to 158°F (-30°C to 70°C)
Humidity	10% to 95% non-condensing
Shock	With SSD: 15 G, half sine, 11 ms
Vibration	With SSD: 5 Grms, 5-500 Hz, 15 min/axis
IP Level	IP66 (Full Enclosure) / 4 x NEMA IP69K (Optional w/PCAP)
Certification	FCC Class A, CE (EMC)
Warranty	
	1-Year Standard