

VITA K v2 Windows

Technical Specifications

Features

- 12", 16", 19" & 22" Windows Industrial PC
- Intel 11th Gen Processors w/vPro Option
- Fanless Construction
- Low Power Consumption
- Large Accessory Selection
- Desktop & Floor Stands w/Printer Mount



Specifications

Display	
LCD Size	11.6", 15.6", 18.5" 21.5" (16:9)
Max Resolution	1920 x 1080 (FHD) for 11.6", 15.6" & 21.5" 1366 x 786 (HD) for 18.5"
Touch	
Touch Screen	Projected capacitive w/ 5 points (Optional)
System	
Processor	Celeron J6412 (Elkhart Lake) Core i5-1145G7E (Tiger Lake)
System Chipset	Elkhart Lake SOC Tiger Lake SOC
Graphics Controller	Intel UHD Graphics (Celeron) Intel Iris Xe Graphics (Core i5)
LAN Chipset	1 x GbE: Realtek RTL8111H
Audio	Realtek ALC897
System Memory	Up to 16GB DDR4 2666 (1 x SO-DIMM)
BIOS	Phoenix Technology (128Mbit)
TPM	TPM 2.0 (fTPM)
vPro	Core i5-1145G7E Only
Operating System	
Windows	Windows 11 Pro Windows 10 Pro 64bit (UEFI Only) Windows 10 IoT SAC/LTSC 64bit (UEFI Only)
Storage	
M.2 SATA	2 x M.2 2280 "M" Key (SATA or PCIe x 4)
RAID Support	RAID-0 or RAID-1
Expansion	
M.2	2 x M.2 (M key) support M.2 2280 1 x M.2 (E key) supports M.2 2230 (Reserve for Wi-Fi)
Other Features	
Cooling Method	Fanless
Internal Speaker	1 x 1W speaker (Left side only)
Camera	5MPixel (Optional w/Mic)

I/O	
Video	2 x MiniDP out (FeDP – Proprietary) 1 x DP via USB – C (Requires converter cable)
COM	2 x D89 RS232 Serial Ports
USB	2 x USB 3.0 (Type A) 2 x USB 3.0 (Type C)
LAN	1 x GbE RJ45
WLAN	802.11 AC + BT4.2 LE or 802.11AX + BT 5.1 (Optional)
Others	1 x RJ11 Cash drawer output <i>Optional Accessories:</i> 5MPixel Webcam w/Mic 3-Track MSR RFID/NFC Reader 2D Scanner Fingerprint Reader (Digital Persona) Light Bar
NOTE: 11.6" Model supports 2x accessories (Top and Bottom only) 15.6", 18.5" and 21.5" Models can support 4x accessories (Top, Bottom and Sides)	
Power	
Power Input Voltage	19 VDC
Power Connector	4pin Mini DIN
Power Adapter	External Power Adapter, 19V @ 4.74A
Environment	
Operating Temperature	32°F to 95°F (0°C to 35°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Relative Humidity	20% - 85% non-condensing
Certification	CE Mark Class A, FCC Class A, LVD
Physical	
Enclosure Materials	ABS + PC plastics enclosure
Dimension (W x H x D)	11.6": 8.4" x 7.1" x 1.6" (277 x 180.5 x 40.8mm)
	15.6": 14.9" x 9.3" x 1.7" (370 x 235 x 42.3mm)
	18.5": 17.8" x 10.8" x 2.0" (453 x 273 x 50.2mm)
	21.5": 20.4" x 12.2" x 1.9" (518 x 310 x 49.3mm)
Weight	11.6": 3.1 lbs.
	15.6": 6.6 lbs.
	18.5": 9.7 lbs.
	21.5": 11.7 lbs.
Mounting	VESA 75 & 100
	Optional Stands: POS Stand Printer Stand Floor Stand w/ Printer Mount
Warranty	
Warranty	1-year standard