

VITA KW22

Technical Specifications

Features

- Intel 11th Gen. Core i7/i5 processors
- Low Power Consumption Optimized
- 2 x 260-pin DDR4 SO-DIMM, up to 64GB
- High performance NVMe storage w/RAID support
- Antimicrobial Aluminum enclosure
- Fanless construction
- TPM 2.0 (fTPM / Intel PTT)



Specifications

Display

LCD Size	21.5" (16:9)
Max Resolution	1920 x 1080 (FHD)
Brightness	250 cd / m2

Touch

Touch Screen	Projective Capacitive
Touch Controller	eGalaxTouch

System

Processor	Intel Core i5-1145G7E, Quad-Core, 8MB Cache, up to 4.2GHz Intel Core i7-1185G7E, Quad-Core, 12MB Cache, up to 4.4GHz
System Chipset	Tiger Lake U SOC
Graphics Controller	Intel Iris Xe Graphics
LAN Chipset	1x GbE: Intel I219-LM 1x GbE: Intel I225-LM
Audio	Intel Tiger Point-LP PCH - cAVS (Audio, Voice, Speech)
System Memory	Up to 64GB DDR4 2666/3200 (2x SO-DIMM)
BIOS	Insyde 64Mbit
TPM	TPM 2.0 (fTPM / Intel PTT)
vPro	Yes (CPU Dependent)

Operating System

Windows	Windows 11 Pro 64bit (UEFI Only) Windows 10 IoT SAC/LTSC 64bit (UEFI Only)
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Expansion

M.2	1x M.2 (E key) supports M.2 2230 (WiFi) (See Note)
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Storage

M.2 SATA	1x M.2 2280 "M" Key SATA, shared with PCIe x4 NVMe (see Below)
M.2 NVMe	1x M.2 2280 "M" Key (1x PCIe x4 / 1x PCIe x4 or SATA)
RAID Support	RAID 0 or 1

Other Features

Cooling Method	Fanless
Internal Speaker	2x 2W speakers
WebCam	1x 2Mpixel Camera (Optional)

I/O

Processor	1 x HDMI (Optional)
COM	1x DB9 2x RJ45 (Powered RS232)
USB	4x USB 3.0 (Type A) 2x USB 2.0 (Type A)
LAN	2x GbE RJ45
WLAN	802.11 AX BT 5.1 LE (Intel AX210)
Audio	1x Line-out 1x Mic-in

Power

Power Input Voltage	12 ~ 48 VDC
Power Connector	4pin Mini DIN
Power Adaptor	External Power Adapter, 19V @ 4.74A

Environment

Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Relative Humidity	20% to 85% non-condensing
IP Level	IP65 front panel
Certification	FCC Class B, CE Mark, LVD, EN 60601-1, EN 60601-1-2

Physical

Enclosure Materials	Cast Aluminum, Antimicrobial Enclosure
Dimension W x H x D	21.1" x 12.9" x 1.9" (536mm x 328mm x 48mm)
Weight	17.6 lbs (8 kg.)
Mounting	VESA 75, Optional Stand

Warranty

Warranty	1-year standard
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