

VITA 484

Technical Specifications

Features

- 16", 19" and 22" Touchscreen
- Intel 8th Gen. Core i7/i5 Processors
- Low Power Consumption Optimized
- 2 x 260-pin DDR4 SO-DIMM, up to 32GB
- Fanless Design
- TPM
- vPro



Specifications

Display

LCD Size	15.6", 18.5" and 21.5" (16:9)
Max Resolution	15.6" & 18.5" Models: 1366 x 768 (HD) 21.5" Model: 1920 x 1080 (FHD)
Brightness (cd/m2)	250 cd/m2
Contrast Ratio	1000:1
LCD Color	16.7M
Viewing Angle	170° / 160°
Backlight MTBF	30,000 hours

Touch

Touch Screen	Projected Capacitive w.10 points
Touch Controller	EETI EXC 3160

System

Processor	Intel 8 th Gen. Core i7/i5 Processors
System Chipset	Whiskey Lake SOC
LAN Chipset	1 x GbE: Intel I219-LM
Audio	Realtek ALC888
System Memory	Up to 32GB DDR4 2400 (2 x SO-DIMM)
BIOS	AMI 128Mbit
TPM	TPM 2.0 (fTPM)
vPro	Yes (CPU dependent)
Watchdog	Software Programmable Supports 1~255 sec. System Rese

Storage

SSD/HDD	1 x 2.5" SATA Bay
M.2 SATA	1 x M.2 2280 "M" Key (SATA or PCIe x 4 NVMe)

Expansion

Mini PCI Express	1 x MiniPCIe Full or Half Length 2 x MiniPCIe Full and Double Length, for POE PD Options
M.2	2 x M.2 (M key) supports M.2 2280 (See Storage above) 1 x M.2 (A/E key) supports M.2 2230 (WiFi)

Other Features

Cooling Method	Fanless
Internal Speaker	2 x 3Watt
Webcam	1 x 2Mpixel w/Mic

I/O

Video	1 x HDMI
COM	1 x D89 Serial RS-232 1 x D89 Serial RS-232/422/485
USB	4 x USB 3.2 Gen2
LAN	3 x GbE RJ45
WLAN	802.11 AC + BT 5.0
Others	1 x Power Button 1 x Reset Button 1 x RFID – MiFAre 13.56Mhz Reader (Optional) 1 x Magnetic Stripe Reader (Optional)

Operating System

Windows	Windows 10 Pro 64bit (UEFI Only) Windows 19 IoT SAC/LTSC 64bit (UEFI Only) Windows 11 Pro Windows 11 IoT SAC
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Power

Power Input Voltage	12 VDC
Power Connector	4pin Mini-DIN
Power Adapter	External Power Adapter, 12V @ 8.0A (96W).

Environment

Operating Temp.	-4°F - 122°F (-20°C - 50°C)
Storage Temp.	-4°F - 140°F (-20°C - 60°C)
Relative Humidity	10% - 95% non-condensing
IP Level	IP64 (Front panel)
Certification	CE, FCC Class A, ErP 2009/125/EC

Physical

Enclosure Materials	ABS Plastics
Dimensions (W x H x D)	15.6" Model: 15.59" x 9.84" x 2.52" (396 x 250 x 64mm) 18.5" Model: 18.5" x 11.42" x 2.75" (470 x 290 x 70 mm) 21.5" Model: 20.79" x 13.23" x 2.68" (528 x 336 x 68 mm)
Weight	15.6" Model: 9.91lbs (4.5Kg) 18.5" Model: 16.09lbs (7.3Kg) 21.5" Model: 18.29lbs (8.3Kg)
Mounting	VESA 75/100, Optional Stand, Optional Panel Mounting kit

Warranty

Warranty	1-year standard
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