tangent

Vita CP22

Features

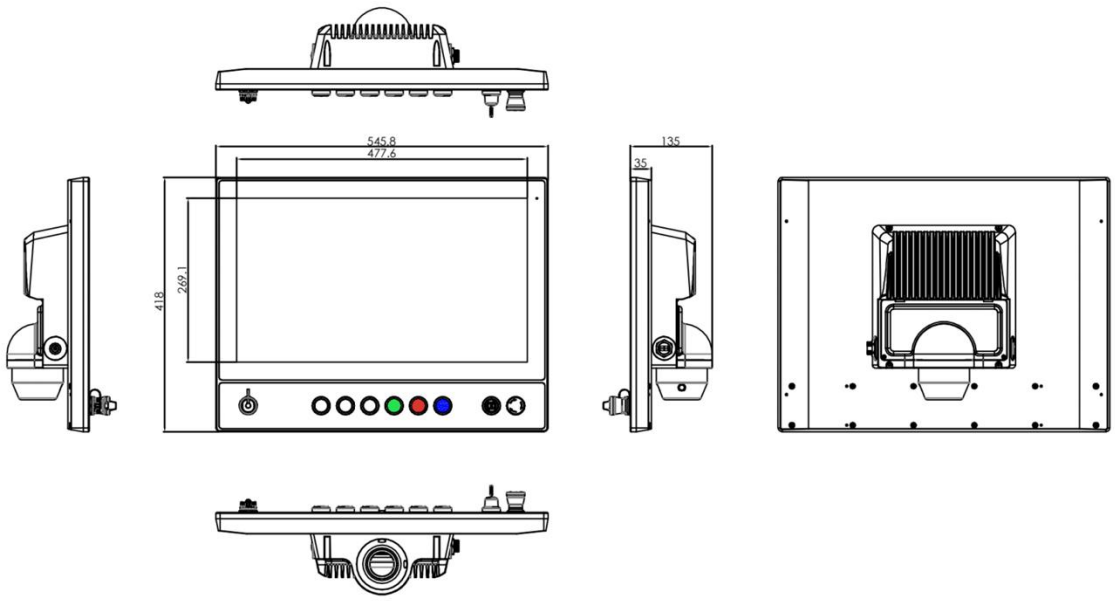
-Intel® 12th Gen. Core i3/i5 Processors
-21.5" Full HD TFT-LCD
-16:9 Widescreen with P-CAP Multi-touch Control
-RAFI Built-in Functional Buttons for Intuitive Operation
-Available with Configurable Button Area for the Installation of Hard-wired Elements
-Top/Bottom Swing Arm Mounting
-IP65 Fully Sealed with Swing Arm kit
-Gap free Sealing and Slim Front Frame Architecture at Front Bezel
-DC 9~36V Power Input



Technical Specifications	
Display	
LCD Size	21.5" (16:9)
Max. Resolution	1920 x 1080 (FHD)
Brightness (cd/m²)	250 cd/m^2
Contrast Ratio	1000:1
LCD Color	16.7M
Pixel Pitch (mm)	0.24795mm × 0.24795mm
Viewing Angle (H-V)	178°/178°
Backlight MTBF	30,000 hrs
Touch	
Touch Screen	Projected Capacitive
Touch Controller	EETI EXC80W84
System	
Processor	Intel® Core™ i3-1215U Processor Intel® Core™ i5-1235U Processor
System Chipset	Alder Lake SOC
Graphics Controller	Intel® UHD Graphics
LAN Chipset	Intel I219LM & Intel I210AT
Audio	Realtek ALC887-VA2-CG
System Memory	Up to 48GB DDR5 4800MHz (1x SO-DIMM)
BIOS	AMI (UEFI Only)
TPM	TPM 2.0
Watchdog	1~255 sec (system)
Storage	
SSD/HDD	1 x 2.5" HDD Bay
M.2 NVMe	1 x M.2 2280 M-Key socket (PCIe 3.0 x4)
Expansion	
M.2	1 x M.2 (M Key) supports M.2 2280 1x M.2 (E Key) supports M.2 2230 for WiFi (Optional)

Other Features	
Cooling Method	Fanless
OSD Buttons	1 x Power Button with Light
I/O	
Video	1x HDMI
COM	1x DB9 Serial Port
USB	2x USB 3.2 Type-A (Internal) 2x USB 2.0 Type-A (Internal) 1x USB 2.0 Type-A (water proof by Front) 1x USB 2.0 Type-A (water proof by Rear)
LAN	2x RJ45 GbE LAN Ports
WLAN	WiFi 6E + BT 5.3
Others	1 x Emergency Button 1 x Blue Push Button(default set to reset) 1 x Red Push Button(default set to stop) 1 x Green Push Button(default set to start) 3 x Black Push Button (Optional)(self-defined) 1 x Key Switch (Optional)
Operating System	
Windows	Windows 10 IoT LTSC Windows 11 IoT
Power	
Power Input Voltage	9 ~ 36 VDC
Power Connector	3 Pin Phoenix Connector
Power Adapter	External AC/DC Power Adapter: 24V, 5A
Environment	
Operating Temp.	32°F - 122°F (0°C - 50°C)
Storage Temp.	-22°F - 158°F (-30°C - 70°C)
Relative Humidity	10% - 90% @ 40°C, non-condensing
Shock	EC 60068-2-27 15G Peak Acceleration (11 msec. Duration)/Operation
Vibration	IEC 60068-2-64 1G/ 5~500Hz (Random)/ Operation
IP Level	IP65 via Using CP40 to Install Other Mounting Devices
Certification	CE/FCC/UKCA
Physical	
Enclosure Materials	Aluminum Die-Cast Housing
Unit Dimension (W x H x D)	21.49" x 16.46" x 5.31" (545.8mm x 418mm x 135mm)
Weight	29.37lbs (13.32kg)
Mounting	Swing Arm Mount (Default)/ Stand *support Rittal CP-40

Dimension



UNIT: mm
Tolerance:±0.5

Alternate View

