

Features

VITA S22 C1D2

Explosion Proof Panel PC

- Class 1 Division 2
- Intel 6th Gen. Core i5 Processor
- 21.5" Fanless Panel PC
- Wide Temp - 10~55°C Environments
- 1000 NITS Option Available for all models – great for outdoor viewing
- Low Power Consumption optimized
- 2 x 260-pin DDR4 SO-DIMM up to 32GB
- Totally Sealed IP66 / NEMA 4X Enclosure
- Stainless Steel Enclosure
- Also Available in C2D2



Specifications

Display

LCD Size	21.5" (16:9) 1920 x
Max Resolution	1080 (FHD)
Brightness (cd/m²)	300 cd/m²
Contrast Ratio	5000:1
LCD Color	16.7M
Viewing Angle (H-V)	178° / 178°
Backlight MTBF	30,000 hours

Touch

Touch Screen	5 wire resistive w/1 point touch
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System

Processor	Intel 6th Gen. Core i5-6200U
System Chipset	Skylake SOC
Graphics Controller	Intel HD Graphics 520
LAN Chipset	1 x GbE: Intel I219-LM
System Memory	Up to 32GB DDR4 2133 (2 x SO-DIMM)
BIOS	AMI 128Mbit
Watchdog	Software Programmable Supports 1~255 sec. System Reset

Storage

SSD/HDD	1 x 2.5" SATA Bay
mSATA	1 x mSATA (shared with 1 x Mini PCIe)

Expansion

PCI Express	1 x MiniPCIe Full Length (shared w/m/SATA)
M.2	1 x M.2 2230 "M" key (for WiFi)

Other Features

Cooling	Fanless
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I/O

COM	1x DB9 Serial RS232, COM1 (1x M12 Connector) 1x DB9 Serial RS232/422/485, COM2 (1x Fixed M16 Gland)
USB	2x USB 2.0, USB 1 & 2 (1x M12 Connector) 2x USB 2.0, USB 3 & 4 (1x Fixed M16 Gland) Optional
LAN	1x GbE RJ45 (1x Fixed M16 Gland)
WLAN	802.11 AC + BT 4.0 LE (Optional)
Others	1 x Sealed Power Switch

Operating System

Windows	Windows 10 IoT Enterprise LTSC
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Power

Power Input Voltage	24 VDC
Power Connector	Fixed M16 Gland
Power Adapter	100W AC-DC power adapter with 24V DC output, 1.2M cable. PSE

Environment

Operating Temp.	-4°F - 140°F (-20°C - 60°C) w/Air flow
Storage Temp.	-4°F - 140°F (-20°C - 60°C)
Relative Humidity	10% - 90% non-condensing
IP Level	IP66 (Full Enclosure) NEMA 4x

Certification	EMC: FCC, CE (EMC), Canada ICES-003 Safety: UL 62368-1 CAN/CSA-C22.2 No.62368-1-14 Class 2258 02, 82 - Class 1 Division 2 Group A, B, C, D T5 (Config. A Ready, B/C, D Compliance)
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Physical

Enclosure Materials	SUS304 Stainless Steel Enclosure
Dimensions (W x H x D)	21.93" x 13.72" x 3.33" (557 x 348.5 x 84.5 mm)
Weight	28.66lb (13kg)
Mounting	VESA 100, Optional Side Mount Stand

Warranty

Warranty	1-Year Standard
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