

VITA S15 C1D2

Explosion Proof Panel PC

Features

- Class 1 Division 2
- Intel 6th Gen. Core i5 Processor
- 15" Fanless Panel PC for Wide Temp - 20 ~ 60°C Environments
- 1000 NITS Option Available for all models – great for outdoor viewing
- LAN USB COM M16 (EX Ec) I.O. Up to 4 & Waterproof M12 USB COM (EX ic) I.S. Output
- Low Power Consumption optimized
- 2 x 260-pin DDR4 SO-DIMM, up to 32GB
- Stainless Steel Enclosure
- Also Available in C2D2



Specifications

Display

LCD Size	15" (4:3)
Max Resolution	1024 x 768 (XGA)
Brightness (cd/m²)	450 cd/m²
Contrast Ratio	600:1
LCD Color	16.7M
Pixel Pitch (mm)	0.297mm
Viewing Angle (H-V)	160° / 160°
Backlight MTBF	30,000 hours

Touch

Touch Screen	5 wire resistive w/1 point touch
--------------	----------------------------------

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 Up to 32GB DDR4 2133 (2 x SO-DIMM)
System Memory	AMI 128Mbit
BIOS	Software Programmable Supports 1~255 sec. System Reset
Watchdog	

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
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
---------	--------------------------------

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)
---------------	---

Physical

Enclosure Materials	SUS304 Stainless Steel Enclosure
Dimensions (W x H x D)	17.13" x 13.78" x 3.31" (435 x 250 x 84 mm)
Weight	24.25lb (11kg)
Mounting	VESA 100, Optional Side Mount Stand

Warranty

Warranty	1-Year Standard
----------	-----------------