

Features

- Class 2 Division 2, ATEX Zone 22, and IECEx certified
- Intel 6th Gen. Core i5 Processor
- 21.5" Fanless Panel PC for Wide Temp - 10~55°C Environments
- 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 C1D2**



Specifications

Display

LCD Size	21.5" (16:9)
Max Resolution	1920 x 1080 (FHD)
Brightness (cd/m ²)	250 cd/m ²
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 6 th 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	1x MiniPCIe Full Length (Shared w/mSATA does not support USB bus)
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 SAC 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, PSU Class III earthed SELV

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), VCCI class B, ICES-003 Safety: IEC-62368 Sira 19ATEX3077X EN 60079-0 :2012/A11 :2013 EN 60079-7 :2015/A1 :2018 EN 60079-11 :2012 IECEX: Ex ec [ic] IIC T4 Gc IECEX SIR 19.0028X IEC 60079-0:2017 Ed. 7 IEC 60079-7:2015 Ed. 5.0+AMD1: 2017 IEC 60079-11:2011 Ed. 6 C1D2 Class I, Division 2, Groups A, B, C, D, T4 C2D2 Class II, Division 2, Groups F,G, T100°C CCC

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	VI-SA 100, Optional Side Mount Stand

Warranty

Warranty	1-Year Standard
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