

IoT Embedded PC Fanless, Railway Approved, -40°C to 70°C RS232 / 422/485, USB, Triple Display Support, 9 ~ 48VDC

FEATURES

- Embedded 8th Gen Intel® Core™ U i7/i5/i3 CPU (TDP 15W)
- 1x 2.5" front-accessible SATA HDD bay for quick access and 1x mSATA socket
- 2x full-size Mini PCIe sockets for module expansion
- 2x front-accessible SIM card slots for signal redundancy
- Optional CMI modules (2x 10 GbE LAN, M12 A-coded, or M12 X-coded)
- Optional CFM modules (power ignition sensing, or 4x PoE)
- Wide operating temperature -40°C to 70°C
- 203 mm (W) x 142 mm (D) x 66.8 mm (H)
- MIL-STD-810G, EMC CE, FCC, ICES-003 Class A, EN50155 (Only EN50121-3-2), E-mark Safety IEC/EN 62368-1
- 9~48VDC via 3-pin Terminal Block



SPECIFICATIONS

CPU	:	Onboard 8th Intel® Core™ U Processors (Whiskey Lake) Intel® Core™ i7/i5 Quad Core, i3 Dual Core Processor 15W
USB	:	2x 3.2 Gen2, Type A 2x 3.2 Gen1, Type A 2x 2.0, Type A
Operating Temp.	:	• -40°C to 70°C PassMark Burn-In Test: 100% CPU, 2D/3D Graphics (without thermal throttling) With extended temperature peripherals; Ambient with air flow According to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14
Andet	:	Expansion: 1x High Speed CMI Interface for optional CMI Module Expansion 1x Low Speed CMI Interface for optional CMI Module Expansion 1x CFM IGN Interface for optional CFM-IGN Module Expansion
BIOS	:	AMI BIOS
Approval	:	EMC CE, FCC, ICES-003 Class A, EN50121-3-2 (Railway), E-mark Safety IEC/EN 62368-1
Beskyttelse	:	Over Voltage Protection Protection Range: 51~58V Protection Type: shut down operating voltage, re-power on at the preset level to recover Over Current Protection 15A Surge Protection 3.84 kV (impedance 12 ohm 1.2/50us waveform)
Chok/Vibration	:	SHOCK MIL-STD-810G Vibration MIL-STD-810G
Ethernet	:	2x GbE LAN RJ45, GbE1 Intel I219, GbE2 Intel I210
Forsyning	:	9~48VDC via 3-pin Terminal Block
Grafik	:	Graphics Engine Integrated Intel® UHD Graphics 620
Hukommelse	:	1 x DDR4 SO-DIMM socket, max. 64GB up to 2400MHz (un-buffered and non ECC)



SPECIFICATIONS

Lyd	:	Realtek ALC 888 HDA, line in/out jack 3.5mm
Compositions	:	Extruded Aluminun with heavy duty metal
Montering	:	OPTION! WALL/SIDE/DIN-RAIL/VESA Mount
mPCIe	:	2 x Full-size Mini-PCIe socket (shared by mSata)
Msata	:	1x mSATA socket (SATA 3.0 shared by mini PCIe Socket)
OS SUPPORT	:	Windows 10/11
Porte	:	2x RS-232/422/485 with Auto Flow Control (Supports 5V/12V), DB9
RAID niveau	:	SUPPORT RAID 0/1
SIM kort	:	2x SIM Socket
SSD	:	1x 2.5" SATA HDD/SSD bay (SATA 3.0)
Udgange	:	Supports Triple Independent Display HDM (4096 x 2304@60Hz) DP (4096 x 2304@60Hz) VGA(1920 x 1200 @60Hz)



**DANBIT**

EPC-IXGEN8C-2E2C6U

SPECIFICATIONS

Weight	:	2.74Kg
Dimensioner	:	203x142x66.8mm



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