

Rugged Mini S v2

Technical Specifications

Features

- Intel Core i5 Fanless Medical Box PC
- Intel 6th Gen. Skylake Core i5-6500TE CPU
- True Fanless with Proprietary Thermal Design
- Medical UL/EN 60601-1-4th Edition Certification
- CE, FCC, VCCI Class B Passed
- 6 x COM Ports for Control Applications
- vPro Support (CPU Dependent)



Specifications

System

Processor	Intel 6 th Gen. Core i7/i5/i3, Pentium or Celeron Processors $\leq$ 35W
System Chipset	Intel Q170 Express Chipset
Graphics Controller	Intel HD Graphics 530 (Core CPU) Intel HD Graphics 510 (Pentium & Celeron)
LAN Chipset	1 x GbE: Intel I219-AT 1 x GbE: Intel I219-LM
Audio	Realtek ALC262
System Memory	Up to 32GB DDR4 2133 (2 x SO-DIMM)
BIOS	AMI 128Mbit
TPM	TPM 1.2 (Infineon)
vPro	Yes (CPU Dependent)
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

Mini PCI Express	1 x MiniPCIe (Full Size Shared with mSATA) 1 x MiniPCIe (Half Size)
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Other

Cooling Method	Fanless
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I/O

Video	1 x DVI-D, 1 x DP (Display Port)
COM	1 x D89 Serial RS232/422/485, COM1 5 x D89 Serial RS232, COM 2 ~ 6
USB	4 x USB 3.0
LAN	2 x GbE RJ45
WLAN	Intel Wireless AC-7260 + BT (Optional)
Audio	1 x Mic-in, 1 x Line-out
Other	1 x Power Switch

Operating System

Windows	Windows 10 Pro 64bit
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Power

Power Input Voltage	9 ~ 28 VDC
Power Connector	1 x 4pin Mini-DIN (Lockable)
Power Adapter	External Power Adapter, 12V @ 8.3A

Environment

Operating Temperature	32°F to 95°F (0°C to 35°C) with SSD
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Relative Humidity	10% - 90% non-condensing
Certification	CE, FCC, VCCI Class B, RoHS, cUL/usUL 60601-1, EN60601-1, ISO 14971, IEC-62133, EnergyStar 8.0 Compliant

Physical

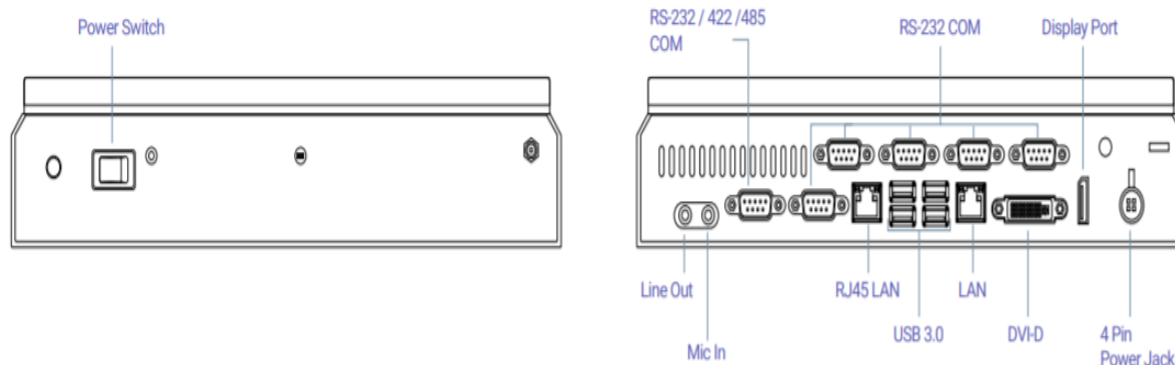
Enclosure Materials	SECC Heavy Duty Steel Chassis with Full Size Aluminum Heatsink
Dimension (W x H x D)	12.07" x 7.40" x 2.50" (306.6mm x 188mm x 63.6mm)
Weight	6.60 lb (3 kg)
Mounting	Wall Mount (Standard)

Warranty

Warranty	1-year standard
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Rugged Mini S

I/O Layout



Front Panel

Rear Panel

Dimensions

Unit: mm

