Features

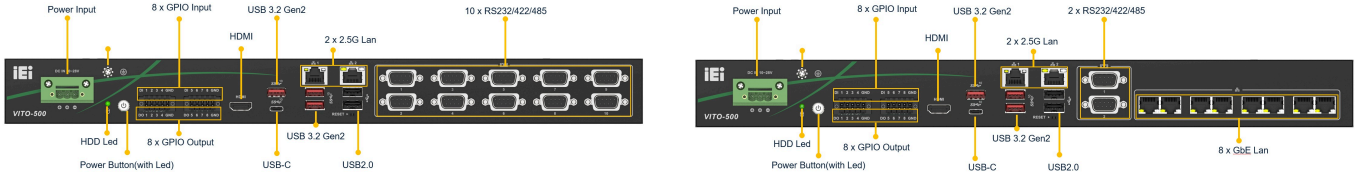
- Fanless 1U rackmount industrial computer for 24/7 operation
- Intel® Processor N150 / Intel Atom® x7433RE / x7835RE platform
- DDR5 4800 SO-DIMM, up to 16 GB
- Up to 10 x 2.5GbE or 10 x RS-232/422/485 by SKU
- 2 x hot-swappable 2.5" SATA bays + M.2 2280 M-key
- 10-28 VDC input or optional dual redundant AC power supply



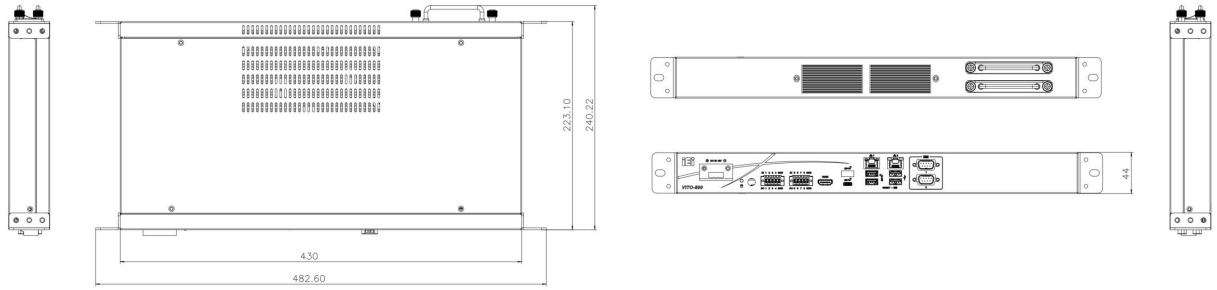
Specifications

Model name		VITO-500
Chassis	Color	Black
	Dimensions (W x D x H)(mm)	430 x 240.22 x 44
	System Fan	Fanless
	Chassis Construction	Extruded aluminum alloys
Motherboard	CPU	Intel® Processor N-series / Intel Atom® x7000RE Series Intel® Processor N150 Processor (6M Cache, up to 3.60 GHz) Intel Atom® x7433RE Processor (6M Cache, up to 3.40 GHz) Intel Atom® x7835RE Processor (6M Cache, up to 3.60 GHz)
	Chipset	SOC
	System Memory	1 x SO-DIMM DDR5 4800 (8GB pre-installed) (up to 16GB)
Storage	Storage	2 x 2.5" SATA 6Gb/s HDD/SSD bays, hot-swappable
Externall/O	Ethernet	Standard: 2 x 2.5GbE by Intel® I226-V controller 10L SKU: 10 x 2.5GbE by Intel® I226-V controller
	USB	3 x USB3.2 Gen2 Type-A 2 x USB2.0 Type-A
	COM	Standard: 2 x RS-232/422/485 (DB9) 10C SKU: 10 x RS-232/422/485 (DB9)
	Digital I/O	16-bit (8-in/8-out) (Terminal Block)
	Display	1 x HDMI 1 x USB Type-C (Display+USB3.2 Gen2)
	Others	1 x power button with LED, 1 x Rreset button, 1 x HDD LED (yellow)
Internal Expansion	M.2	1 x 2280 M-key (PCIe Gen3 x1)
	TPM	1 x Intel PTT 1 x 20pin TPM connector (Optional TPM-IN03 module)
Power	Power Input	3-pin terminal block: 10–28 VDC or dual 220 VAC inputs (optional, by SKU)
	Power Consumption	12V @ 2.9A (Intel Atom® x7835RE with 16GB memory)
Reliability	Mounting	Rack Mount
	Operating Temperature	-20°C to 60°C with SSD 0°C ~ 60°C with SSD (N-series processors)
	Storage Temperature	-40°C ~ 85°C
	Humidity	10% ~ 95%, non-condensing
	Operating Shock	Half-sine wave shock 5G, 11ms, 100 shocks per axis (SSD)
	Operating Vibration	MIL-STD-810G 514.6C-1 (with SSD)
	Weight (Net/Gross)	4 kg / 6.2 kg
	Safety / EMC	CE, FCC
	Watchdog timer	Programmable 1 ~ 255 sec/min
OS		Windows® 10/11 IoT Enterprise, Linux

Fully Integrated I/O



Dimensions (unit: mm)



Ordering Information

PART NO.	DESCRIPTION
VITO-500-N7C-R10	1U Rackmount System, Intel Atom® N150 on-board SoC, 8GB DDR5 pre-installed memory, 2xCOM, 2xLan, 16xGPIO, 10-28V, RoHS
VITO-500-N7C-10C-R10	1U Rackmount System, Intel Atom® N150 on-board SoC, 8GB DDR5 pre-installed memory, 10xCOM, 2xLan, 16xGPIO, 10-28V, RoHS
VITO-500-N7C-10L-R10	1U Rackmount System, Intel Atom® N150 on-board SoC, 8GB DDR5 pre-installed memory, 2xCOM, 10xLan, 16xGPIO, 10-28V, RoHS
VITO-500-R3C-R10	1U Rackmount System, Intel Atom® x7433RE on-board SoC, 8GB DDR5 pre-installed memory, 2xCOM, 2xLan, 16xGPIO, 10-28V, RoHS
VITO-500-R3C-10C-R10	1U Rackmount System, Intel Atom® x7433RE on-board SoC, 8GB DDR5 pre-installed memory, 10xCOM, 2xLan, 16xGPIO, 10-28V, RoHS
VITO-500-R3C-10L-R10	1U Rackmount System, Intel Atom® x7433RE on-board SoC, 8GB DDR5 pre-installed memory, 2xCOM, 10xLan, 16xGPIO, 10-28V, RoHS
VITO-500-R3C-R-R10*	1U Rackmount System, Intel Atom® x7433RE on-board SoC, 8GB DDR5 pre-installed memory, 2xCOM, 2xLan, 16xGPIO, AC220, 120W Redundant power supply, RoHS
VITO-500-R4C-R10	1U Rackmount System, Intel Atom® x7835RE on-board SoC, 8GB DDR5 pre-installed memory, 2xCOM, 2xLan, 16xGPIO, 10-28V, RoHS
VITO-500-R4C-10C-R10	1U Rackmount System, Intel Atom® x7835RE on-board SoC, 8GB DDR5 pre-installed memory, 10xCOM, 2xLan, 16xGPIO, 10-28V, RoHS
VITO-500-R4C-10L-R10	1U Rackmount System, Intel Atom® x7835RE on-board SoC, 8GB DDR5 pre-installed memory, 2xCOM, 10xLan, 16xGPIO, 10-28V, RoHS
VITO-500-R4C-R-R10*	1U Rackmount System, Intel Atom® x7835RE on-board SoC, 8GB DDR5 pre-installed memory, 2xCOM, 2xLan, 16xGPIO, AC220, 120W Redundant power supply, RoHS

*Redundant power option may be subject to MOQ. Please contact IEI Sales for details.

Packing List

ITEM	PART NO.	Q'TY
Terminal block plugs 1x3	33001-000436-RS	1
Terminal block plugs 2x5	33502-000695-RS	2
Rack Mount Bracket	41420-0622C2-00-HF	2
Screw kit (for installation)	44033-040062-RS	1

Options

ITEM	PART NO.	DESCRIPTION
120 W Power Adapter	3040-010120-300-RS	Adapter Power;FSP;FSP120-AHAN3;9NA1206708;Active PFC;Vin:90~264VAC;120W;Dim:75.6*151.3*25.4mm;Plug=6.5mm ;Cable=1500mm;Erp(NO LOAD 0.15W);Vout:12VDC;Din 4Pin/lock
EU Power Cord	32702-003600-100-RS	POWER CORD;EUROPEAN CODE(VDE); 1000mm; (A)PLUG:LT-322(16A 250V); (B)CONNECTOR:LT-501(10A 250V)
DC Power Cable	32102-070400-100-RS	POWER CABLE;200mm;(A)POWER DIN 4P FEMALE;(B)TERMINAL BLOCK-3P P=5.08