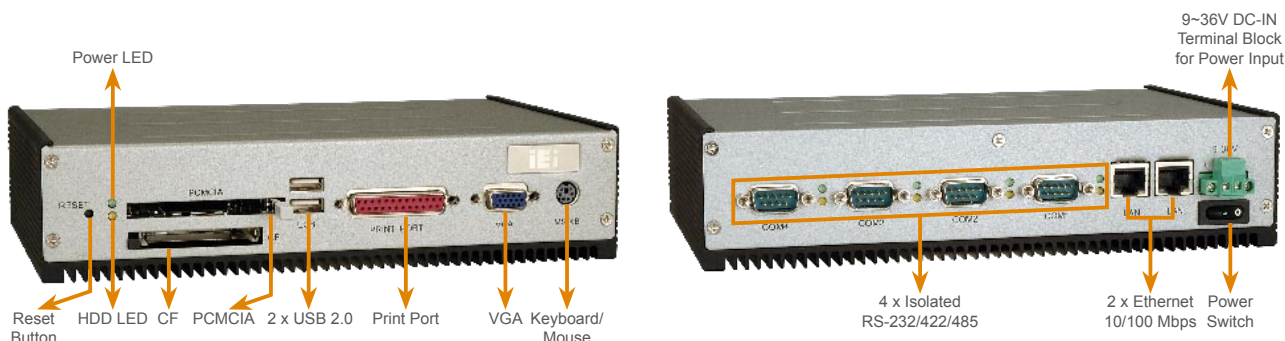


VITO-2100/2101/2102/2103/2104

Compact Data Server with ULV Intel® Celeron® M 1 GHz , 2 x LAN , 4 x COM , 2 x USB , 1 x LPT , 1 x PC Card Slot , 1 x CF Slot , I/O support DI/DO/AI and CAN Bus



Features

- ULV Intel® Celeron® M processor
- Four isolated RS-232/422/485 (DB-9 connectors)
- Two 10/100 Mbps Ethernet RJ-45 ports and two USB ports
- One PC card slot support PCMCIA and one CompactFlash™ slot

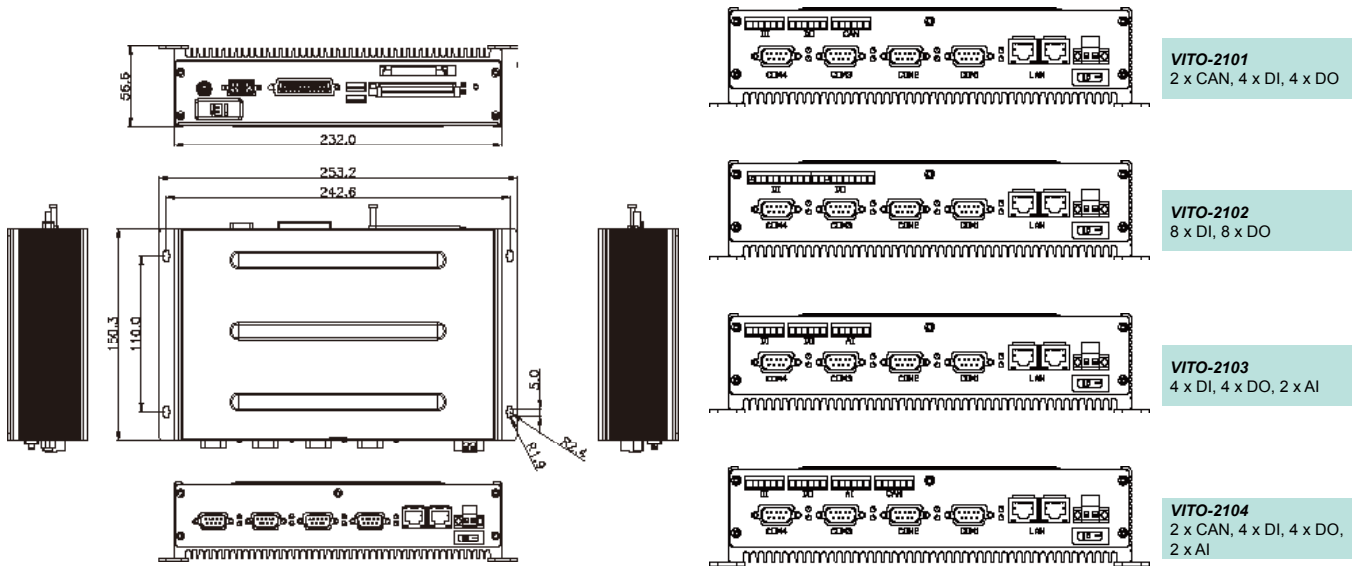


- One parallel port
- Windows® XP Embedded ready platform
- Supports remote display for easy configuration
- Supports Modbus/RTU and Modbus/TCP devices
- Supports DI/DO/AI and CAN Bus options
- Supports IEI OPC server software

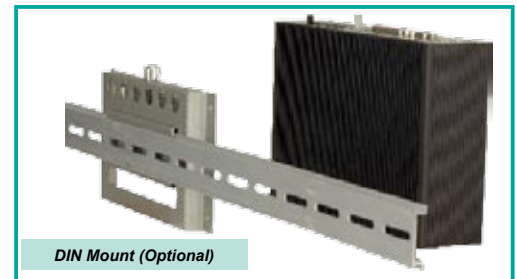
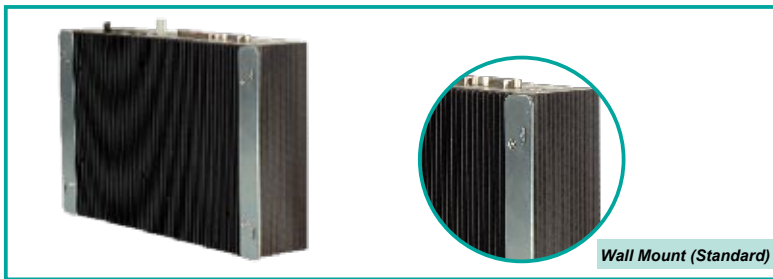
Specifications

System hardware	CPU	ULV Intel® Celeron® M 1 GHz / zero cache				
	System chipsets	Intel® 852GM + ICH4				
	Memory socket	1 x 200-pin 1 GB (max.) 266/200 MHz DDR SDRAM SO-DIMM				
	Memory size	512 MB				
	Keyboard/mouse	1 x PS/2				
	Expansion slot	1 x PC card slot support PCMCIA, 1 x CompactFlash™ slot				
	PC/104	1 x PC/104				
	Printer port	1 x LPT				
	Storage interface	1 x CF type II slot, 1 x IDE				
	Storage	1 GB CF card or 2.5"/1.8" 40 G HD (optional)				
VGA	1 x 15-pin D-SUB VGA output supports up to 1600 x 1200					
Audio	-					
Watchdog timer	Programmable					
I/O & communication	LAN	2 x Ethernet (10/100Base-T with RJ-45 port)				
	Serial port	4 x Isolated RS-232/422/485 (9-pin D-SUB)				
	USB port	2 x USB 2.0				
Channel	Model name	VITO-2100	VITO-2101	VITO-2102	VITO-2103	VITO-2104
	Communication interface	-	2-channel isolated CAN Bus	-	-	2-channel isolated CAN Bus
	Digital input	-	4-channel isolated DI	8-channel isolated DI (2 x Counter)	4-channel isolated DI	4-channel isolated DI
	Digital output	-	4-channel isolated DO	8-channel isolated DO (2 x Timer)	4-channel isolated DO	4-channel isolated DO
	Analog input	-	-	-	2-channel AI	2-channel AI
Channel hardware	Digital input signal	DI ch. 2,000 VDC isolation, 2,000 VDC ESD protection and 70 VDC overvoltage protection - 0 ~ 50 VDC input range and 10 kHz speed Digital input levels with dry contact: Logic level 0: Close to GND, Logic level 1: Open Digital input levels with wet contact: Logic level 0: +2 V max, Logic level 1: +4 V ~ +50V				
	Digital output signal	DO ch 2000 VDC isolation and 200mA max/ch sink current keeps. Keeps output status after system hot reset. 5~30 VDC output range and 10kHz.				
	Counter / timer	2x 16-bit: - counter source: DI6 & DI7 , - Pulse output: DO6 & DO7 , Can be cascaded as one 32-bit counter/timer, Down counting, preset counting value, interrupt handling, Timer - time base: 100/10/1 kHz, 100 Hz				
	Analog input signal	2 ch. input type: Thermocouple: JKTE type Input range : ±15 mV, ±50 mV, ±100 mV, ±500 mV, ±1 V, ±2.5 V, ±20 mA. T/C types and temperature ranges : J : 0 ~ 760°C, K : 0 ~ 1370°C, T : -100 ~ 400°C, E : 0 ~ 1000°C				
	CAN communication interface	Compatible with CAN specifications 2.0 3000 VDC isolated by photo coupler for dual ports.				
Power	Power input	9~36 VDC (e.q +24 V@1.25 A) (min.30 W), AT		9~36 VDC (e.q +24 V@1.5 A) (min.36 W), AT		
	Power consumption	20 W		25 W		
Environmental	Operation temperature	0 ~ 60°C				
	Humidity	5% ~ 95% RH without condensation				
	Vibration	5~17 Hz, 0.1" double amplitude displacement, 17~640 Hz, 1.5 G acceleration peak to peak				
	Shock	10 G acceleration peak to peak. (11ms)				
General	Dimensions (WxDxH)	253.2 mm x 150.3 mm x 56.6 mm				
	Construction	Aluminum extrusion, heavy-duty steel chassis				
	Mounting	wall mount, DIN-Rail mount				
	Weight	1.76 kg		1.84 kg		
OS support	Windows® XP Embedded / Linux (OEM/ODM)					

Dimensions (Unit:mm)



Mounting Support



Packing List

1 x VITO-210X
1 x Utility CD including SDK, utilities, and technical documents
1 x PS/2 Y cable for KB&MS
1 x Null modem cable
1 x Screw kit
1 x Wall mount kit

Options

PART NO	DESCRIPTION
VITO-2100XPE-R10	1 GB CF memory card with built-in Windows® XP Embedded OS image, licensed sticker, and SLD S/W CD
IEIOPC-CSXPE-R10	IEI OPC server support Modbus /TCP/RTU mode protocol slave devices for Windows® XP Embedded (include local side OPC simple client view, configuration tool)
63000-UP0451E24P56L-RS	24 VDC 45 W power adapter with bare wire; 90~264VAC input
DK-84MS	Din mounting kit



45W AC/DC Adapter
Part No: 63000-UP0451E24P56L-RS

Ordering Information

PART NO	DESCRIPTION
VITO-2100-R10	Compact Data Server with ULV Intel® Celeron® M 1 GHz, 512 MB 400 MHz DDR SDRAM, 1 x VGA, 2 x LAN, 4 x COM, 2 x USB, 1 x LPT, 1 x PC card slot, 1 x CF slot
VITO-2101-R10	VITO-2100-R10 + 2 x isolated CAN, 4 x isolated DI, 4 x isolated DO
VITO-2102-R10	VITO-2100-R10 + 8 x isolated DI, 8 x isolated DO
VITO-2103-R10	VITO-2100-R10 + 4 x isolated DI, 4 x isolated DO, 2 x AI
VITO-2104-R10	VITO-2100-R10 + 2 x isolated CAN, 4 x isolated DI, 4 x isolated DO, 2 x AI