

1ST-FDR-3355**Fanless DIN-Rail Industrial Mini PC**

with Intel® Celeron® J3355 Processor, 2x LAN, 2x miniPCle



	Items	Descriptions
Processor	CPU	Intel® Celeron® J3355 dual-core Processor (TDP 10 W)
	Frequency	2 GHz, up to 2,5 GHz
	L2 Cache	2 MB
	BIOS	AMI EFI 16Mbit
Memory	Architecture	DDR3L up to 1866 MT/s
	Capacity	Up to 8GB
	DIMM	1x 204-pin SODIMM
Display	Display controller	Integrated graphics media accelerator Intel® HD Graphics 500
	HDMI	Max resolution up to 4096×2160@30Hz
LAN	LAN1	Intel® i210 Gb LAN controller
	LAN2	Intel® i210 Gb LAN controller
I/O	COM	2x RS-232
	USB	4x USB3.0/2.0/1.1
	WatchDog	0~255 seconds programmable
Expansion	miniPCle	2x miniPCle one of them with SIM holder
	Antennas	2 holes for SMA-antenna jacks
Storage Medium	SSD	1x full size mSATA SSD
OS	Microsoft Windows	Windows 10
	Linux	Ubuntu 17.10 and newer
Power	Type	AT
	Input voltage	12-24VDC ±10%
	Minimum Input	12V, 3A
	Adapter	Optional
Power Dissipation	No-load	15 Watt
	Full-load	31 Watt
Mechanism Parameters	Box structure	Aluminum alloy BOX
	Mounting	DIN-Rail or wall mount
	Dimensions (L*W*H)	145mm x 145mm x 75mm (5.71" x 5.71" x 2.95")

All data is for information purposes only and not guaranteed for legal purposes. Subject to changes without notice. Information in this datasheet has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccuracies. All brand or product names are trademarks or registered trademarks of their respective owners.

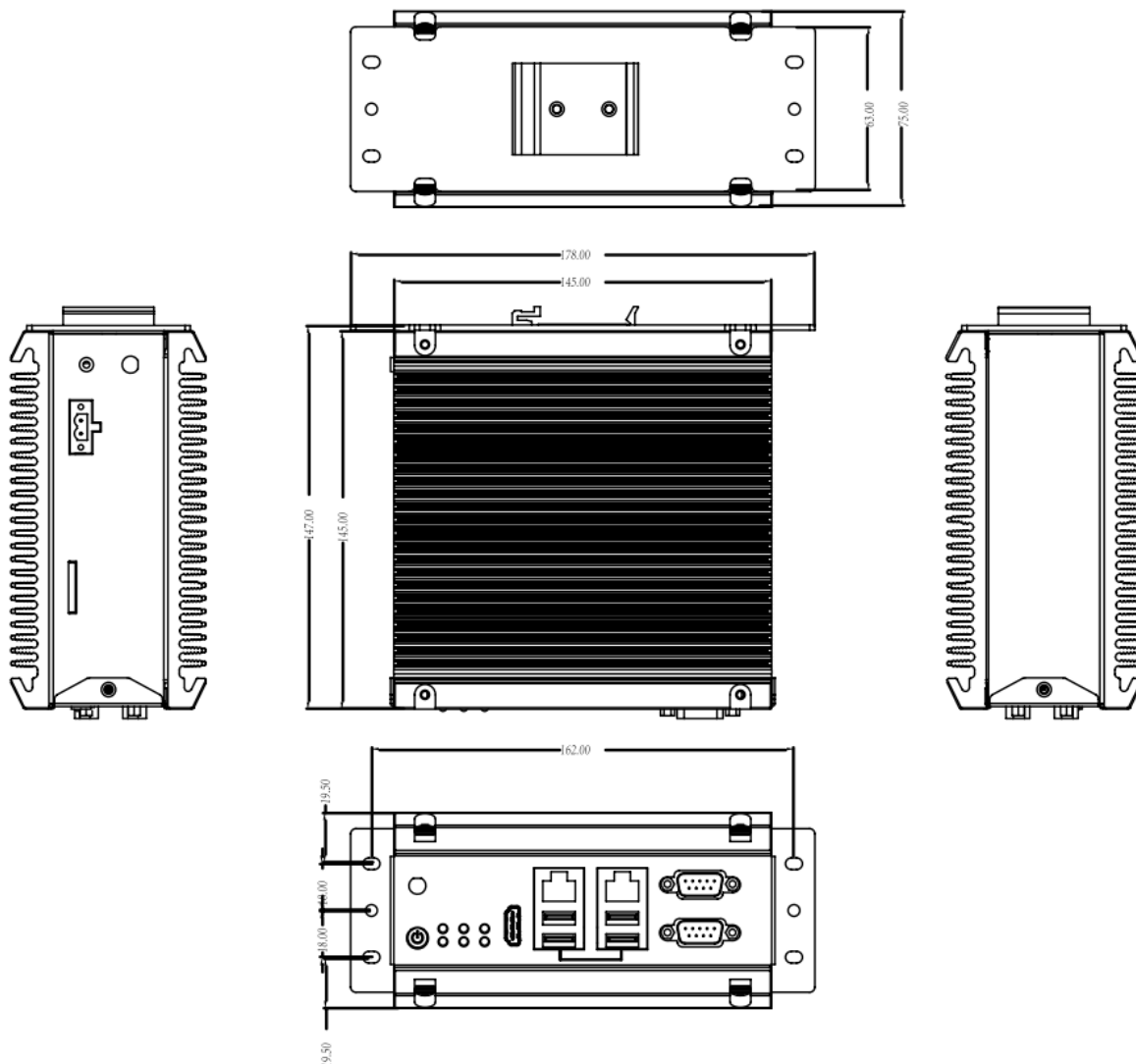
	Items	Descriptions
Environmental Conditions	Operating Temperature	-20 ~ 60° C (-4 °F ~140 °F) (wide temperature SSD)
		0 ~ 45° C (32 °F ~113 °F) (normal temperature HDD/SSD)
	Storage Temperature	-40 ~ 80°C (-40 ~ 176 °F)
	Relative humidity	5~95% (No condensation)
	Vibrations	SSD applied: 1.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
	Shock	SSD applied: 10 G, IEC 60068-2-64, Half-sine wave, 11ms duration
	EMC	CE/FCC Class A
	Safety Certification	CCC

Packing List

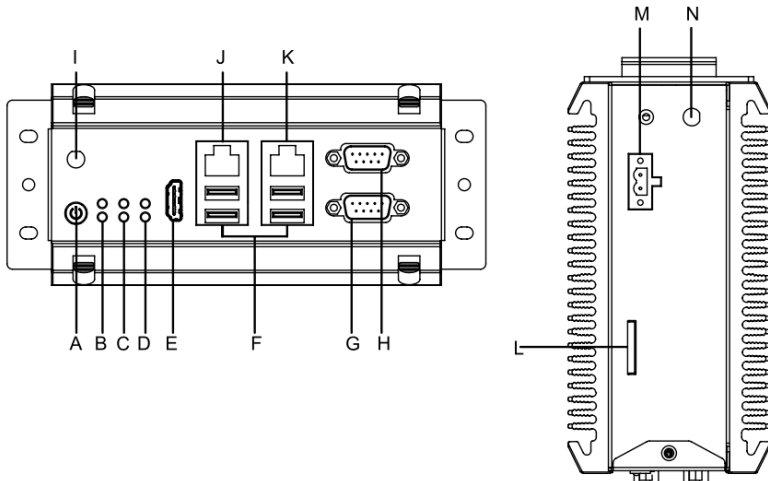
1x 1ST-FDR-3355 system
1x Support CD with Drivers
1x DIN-Rail fastener with screws
optional 1x 12V / 3,33A 40W DC Power Adapter with 2pin Phoenix terminal

Dimensions:

Unit: mm



I/O:



Specifications:

- A:Power Switch
- B:POWER&HDD LED
- C:COM1 LED
- D:COM2 LED
- E:HDMI
- F:USB2.0/USB3.0
- G:COM2
- H:COM1
- I:WiFi
- J:LAN1
- K:LAN2

- L:SIM
- M:DC in 12~24V
- N:Standby WiFi

