

AES120-E3350

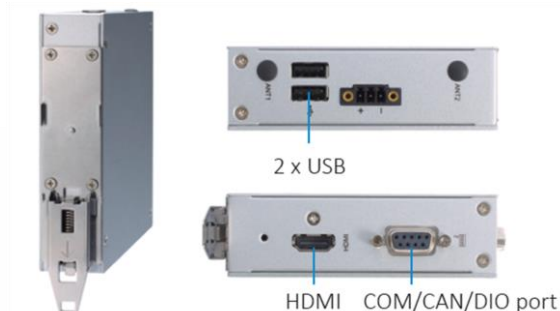
Industrial DIN-Rail Fanless Systems Series



AES120-E3350

PRODUCT HIGHLIGHTS

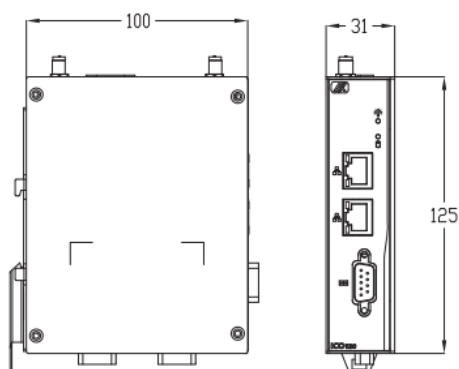
- ▶ Intel® Celeron® N3350 processor
- ▶ 1 COM, 1 CAN, 2 USB, and 2 GbE LAN
- ▶ 8-bit programmable DIO for IoT gateway applications
- ▶ Wide operating temperature range from -40°C to +70°C
- ▶ 9~ 36VDC wide range power input
- ▶ OVP, UVP, OCP, RPP power protection design



TECHNICAL INFORMATION

PROCESSOR	Intel® Celeron® N3350 2C @1.1 GHz, TDP: 6W
CHIPSET	SoC integrated
SYSTEM MEMORY	1 x SO-DIMM DDR3L-1866, up to 8 GB
COM	1 x DB9 RS-232/422/485
USB	2 x USB 2.0
ETHERNET	2 x RJ-45 isolated* 10/100/1000 Mbps Ethernet (Intel® I210-IT) Isolation voltage: 1.5 kV
CANBUS	1 x CAN (CAN 2.0 A/B, 1 Mbps bitrate with SocketCAN & J1939 supported)
DIGITAL I/O	1 x DB9 8-bit programmable DIO
DISPLAY	1 x HDMI
EXPANSION	1 x Full-size Rev. 1.2 PCI Express Mini Card slot: USB/PCIe with SIM socket 1 x Half-size Rev. 1.2 PCI Express Mini Card slot: mSATA/USB/PCIe
STORAGE	1 x mSATA (occupied 1 x PCI Express Mini Card slot) – Optional eMMC
OTHERS	2 x Antenna opening
POWER SUPPLY	1 x Terminal block, 12 to 24 VDC
WATCHDOG TIMER	255 levels, 1 to 255 sec.
CONSTRUCTION	Extruded aluminium and heavy-duty steel, IP30
OPERATING TEMPERATURE	-40°C to +70°C (-40°F to +158°F) with W.T. peripherals
RELATIVE HUMIDITY	0% to 95%
VIBRATION	2 Gms with storage (5 to 500Hz, X/Y/Z direction; random operating)
DIMENSIONS (W X D X H)	31 mm (1.22") (W) x 100 mm (3.93") (D) x 125 mm (4.92") (H)
WEIGHT (NET/GROSS)	0.3 kg (0.67 lb)/0.45 kg (0.99 lb)
CERTIFICATIONS	CE (Class A), FCC (Class A), UL, EN 55032 (Class A), EN 55035 FCC part 15 B (Class A)
OS SUPPORT	Win 10 IoT, Linux
MOUNTING	DIN-rail / Wall Mounting
OPTIONS	Wall mount kit, Wi-Fi module, 3G/LTE module, AC adapter
PART NUMBERS	AES120-E3350-A: DIN-rail System, Intel® Celeron N3350, 2 COM, 2 GbE LAN, 2 USB, WT AES120-E3350-B: DIN-rail System, Intel® Celeron N3350, 1 COM, DIO, 2 GbE LAN, 2 USB, WT AES120-E3350-C: DIN-rail System, Intel® Celeron N3350, 1 COM, 1 CAN, 2 GbE LAN, 2 USB, WT

Dimensions



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