

AES100-N3350

Industrial DIN-Rail Fanless Systems Series



AES100-N3350

PRODUCT HIGHLIGHTS

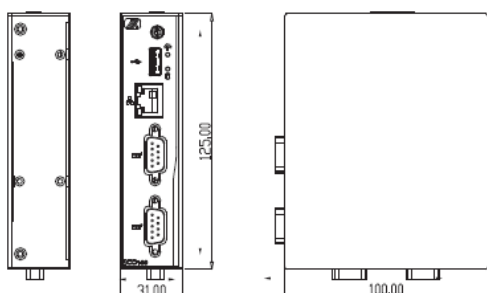
- ▶ Intel® Celeron® N3350 processor
- ▶ 2 COM, 2 USB and GbE LAN
- ▶ 8-bit programmable DIO for IoT gateway applications
- ▶ Wide operating temperature range from -20°C to +70°C
- ▶ 12 to 24 VDC wide range power input
- ▶ OVP, UVP, OCP, RPP power protection design



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	2 x DB9 RS-232/422/485
USB	2 x USB 2.0
ETHERNET	1 x RJ-45 isolated 10/100/1000 Mbps (Intel® i211-AT) Isolation voltage: 1.5 kV
POE	N/A
CANBUS	N/A
DIGITAL I/O	1 x DB9 8-bit programmable DIO
ANALOG INPUT	N/A
DISPLAY	1 x VGA
EXPANSION	2 x Full-size Rev. 1.2 PCI Express Mini Card slot: 1 x mSATA/PCIe/USB & 1 x USB/PCIe with SIM socket
STORAGE	1x mSATA (occupied 1 x PCI Express Mini Card slot)
OTHERS	TPM 2.0 & 2 x Antenna opening
POWER SUPPLY	1 x Terminal block, 12 to 24 VDC Power 12 to 24 VDC, 1.15-0.62A
WATCHDOG TIMER	255 levels, 1 to 255 sec.
CONSTRUCTION	Extruded aluminium and heavy-duty steel, IP30
OPERATING TEMPERATURE	-20°C to +70°C (-4°F to +158°F) with W.T. peripheral
RELATIVE HUMIDITY	10% to 95%
VIBRATION	2 Gms with storage (5 to 500Hz, X/Y/Z direction; random operating)
DIMENSIONS (W X D X H)	31 x 100 x 125 mm (1.22" x 3.93" x 4.92")
WEIGHT (NET/GROSS)	0.3 kg (0.67 lb)/0.51 (1.12 lb)
CERTIFICATIONS	CE (Class A) / FCC (Class A)
OS SUPPORT	Win 10 IoT, Linux
MOUNTING	DIN-rail / Wall Mounting
PART NUMBERS	AES100-N3350: DIN-rail fanless system with Intel® Celeron® processor N3350
OPTIONS	Wall mount kit, Wi-Fi module, 3G/LTE module, AC adapter

Dimensions



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