

AES627-312-N3350 / N4200

Industrial Fanless Systems Series



AES627-312-N3350 / N4200

PRODUCT HIGHLIGHTS

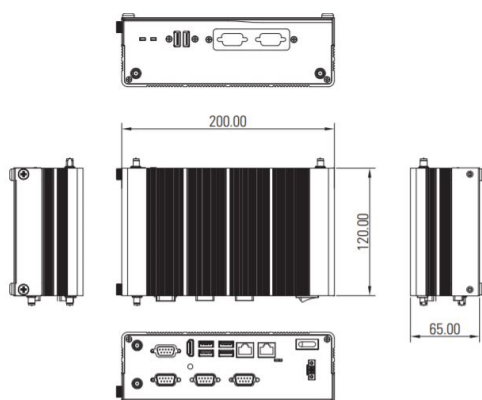
- ▶ Intel® Celeron® N3350/Pentium® N4200 on-board
- ▶ 204-pin DDR3L-1866 SO-DIMM for up to 8GB of memory
- ▶ Support HDMI, 2 GbE LAN, 4 COM and 6 USB
- ▶ Flexible I/O Window supported
- ▶ Trusted Platform Module 1.2 (TPM 1.2)
- ▶ -20°C to +70°C operating temperature range
- ▶ 9 to 36 VDC wide range DC input



TECHNICAL INFORMATION

PROCESSOR	Intel® Celeron® Processor N3350, 2.4 GHz, Intel® Pentium® Processor N4200, 2.5 GHz
CHIPSET	SoC integrated
SYSTEM MEMORY	1 x 204-pin SO-DIMM DDR3L-1866, up to 8GB
BIOS	AMI
COM	2 x RS-232/422/485, 2 x RS-232
USB	4 x USB 3.0, 2 x USB 2.0
ETHERNET/POE	2 x 10/100/1000 Mbps (Intel® i211-AT)
DISPLAY	1 x HDMI (lockable)
DIGITAL I/O	N/A
AUDIO	N/A
STORAGE	1 x 2.5" HDD/SSD bay (max. up 9.5 mm height), 1 x mSATA (enabled in BIOS setting)
EXPANSION	2 x Full-size PCI Express Mini Card slot (USB + PCI Express signal), 1 x SIM slot
OTHERS	4 x SMA type connector opening for antenna, 1 x AT/ATX switch, 1 x ATX power switch, 1 x Flexible I/O window (default: 2 x DB9 half cut bracket)
POWER SUPPLY	1 x Phoenix type VDC power input connector, 9 to 36 VDC
WATCHDOG TIMER	65536 levels, 1 to 65535 sec.
CONSTRUCTION	Aluminium extrusion and heavy-duty steel, IP40
OPERATING TEMPERATURE	Turbo Mode: -20°C to +65°C (-4°F to +149°F) (with W.T. SSD/DRAM for 9 to 36 VDC) (default), Non-turbo Mode: -20°C to +70°C (-4°F to +158°F) (with W.T. SSD/DRAM for 12 or 24 VDC)
RELATIVE HUMIDITY	10% to 95%, non-condensing
VIBRATION	3 Grms with SSD (5 to 500Hz, X, Y, Z directions)
DIMENSIONS (W X D X H)	200 x 120 x 65 mm (7.87" x 4.72" x 2.55")
WEIGHT (NET/GROSS)	1.38 kg (3.04 lb)/2.08 kg (4.59 lb)
CERTIFICATIONS	CE, FCC Class A
OS SUPPORT	Win 10 IoT, Linux
MOUNTING	Wall mount, DIN-rail, VESA mount
PART NUMBERS	AES627-312-N3350: Fanless embedded system with Intel® Celeron® N3350 AES627-312-N4200: Fanless embedded system with Intel® Celeron® N4200
OPTIONS	Wall mount kit, VESA mount kit, DIN-rail kit, 24V 120W adapter, Wi-Fi module, 3G/LTE module, CANbus PCI Express Mini module, LAN PCI Express Mini module, COM PCI Express Mini module, DIO PCI Express Mini module

MECHANICAL DRAWING



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