

BX-S3000

Embedded Fan-Less System with Intel® 6th Skylake Platform

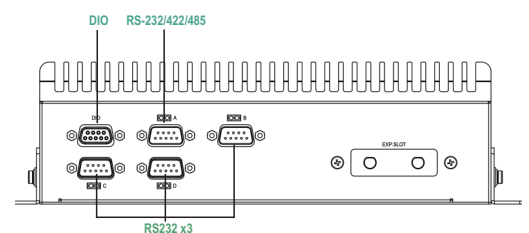
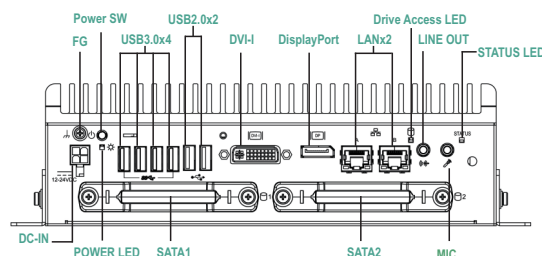


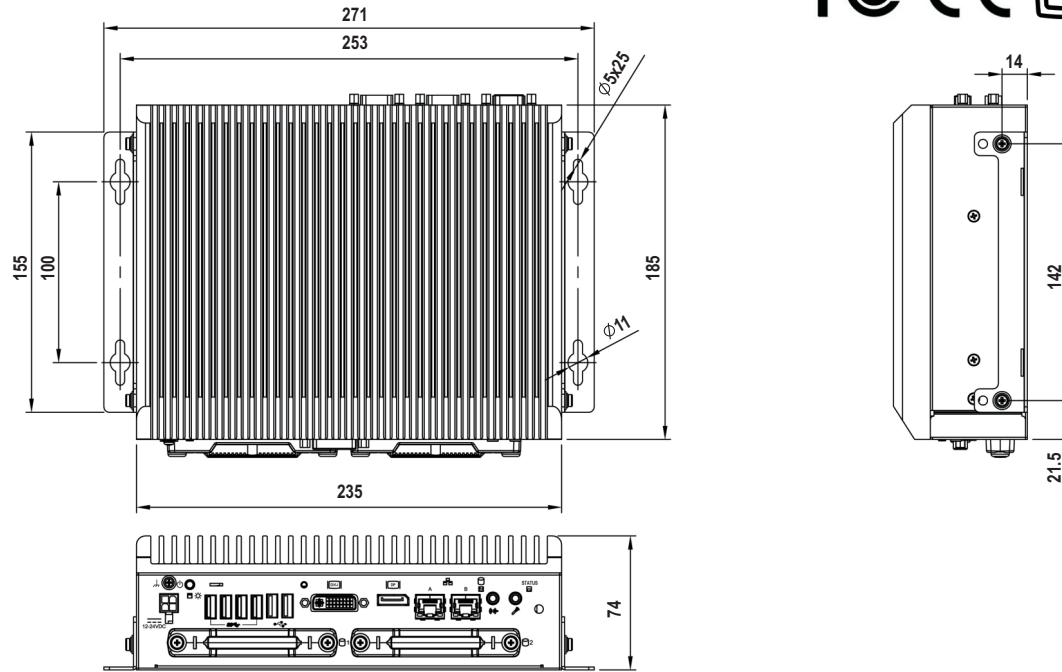
Features

- Intel® 6th Skylake Platform
- Silent fanless design with high airtight chassis
- A4 Small design and cost effective
- Dual Giga LAN, 4x COM, 4x USB 3.0, 2x USB 2.0, 1x GPIO, 1x DVI-I, 1x DP and other rich expansion interface
- Wide range DC input

Optional Configuration

- 2x 2.5" Drive Bay
- 3x RS232, 1x RS232/422/485, 1x GPIO (DB9)
- 1x M.2 Key M Support (PCIe x4 / SATA / SMBus)
- 1x PCI Express Mini Card Slot (PCIe I/F)
- AC adapter 24V/120W
- OS Win7 32/64-bit / Win8.1 64-bit / Win10 64-bit





Specifications

System	CPU	6 th Generation Skylake Intel® Core™ i7-6700TE Processor 6 th Generation Skylake Intel® Core™ i5-6500TE Processor 6 th Generation Skylake Intel® Celeron® G3900TE Processor
	CHIPSET	Intel® Q170 Controller Hub
	SYSTEM MEMORY	DDR4 2133/2400, 260-pin SO-DIMM x 2, Max. 32 GB (Non-ECC)
	GRAPHICS	Intel® HD Graphics
	DISPLAY INTERFACE	DP, DVI-I (DVI -D + VGA)
	STORAGE SLOT	2.5" HDD/SSD x 2 (Removeable Bay) M.2 key M x 1
	ETHERNET	Intel® I219-LM(PHY) & Intel® I210-AT
	AUDIO	Mic-in, Line-out
	SUPER I/O	NUVOTON NCT6106D
	EXPANSION SLOT	Mini-PCI/e x 1 M.2 key M 2242(Reserve) x 1
INTERFACE	Mic-in x 1 and Line-out(front panel) x 1 USB 3.0 x 4 (front panel) USB 2.0 x 2 (front panel) 4 PIN power jack x 1 Software-programmable RS-232 / 422 / 485 ports x 1 (Rear panel) RS-232 male ports x3 (Rear panel) 6 bit programmable + control power button DIO Port TPM 2.0, RAID(0,1), iAMT(11.0) Power Button(Front Panel) x 1	
Power Requirement	POWER INPUT	12~24V(±10%,DC)10.8-26.4V) Wide Range DC Input w/ Terminal Block Connectivity
	POWER ADAPTER	AC to DC, DC 24V/ 5A, 120W adaptor w/ Terminal Block Connectivity
Mechanical	THERMAL DESIGN	Fanless
	MOUNTING	Wall mount / Desktop
	DIMENSIONS (W X D X H)	235(W) x 185(D) x 74(H) mm (No protrusions)
	WEIGHT	3.0 kg
	MATERIAL	Top cover: Aluminum Alloy , Bezel and chassis: Steel
Environmental	OPERATING TEMPERATURE	0°C~50°C with Air Flow: 0.5 m/s (w/ Standard Temp. SSD) (w/ Extended Temp. mSATA) 0°C~40°C with Air Flow: 0.6 m/s (w/ Standard Temp. HDD)
	STORAGE TEMPERATURE	-10~60°C
	OPERATING HUMIDITY	10%~90% (Non-condensing)
	VIBRATION RESISTANCE	JIS C 60068-2-6 : 2010 HDD (Operating): 10 ~ 50Hz/4.9m/s ² (0.5G); 1oct/min, 1 cycle(10-150-10 Hz); 5 cycles X,Y,Z per axis(25 mins/axis) SSD (Operating): 10 ~ 57 Hz / 0.15 mm (0-p); 57 ~ 150 Hz / 19.6 m/s ² (2G); 5 cycles X,Y,Z per axis(40 mins/axis)
	SHOCK RESISTANCE	JIS-60068-2-27 98m/s ² (10G) / 11ms / half sine; 3 times X,Y,Z per axis
	CERTIFICATION	CE(including LVD) & FCC & VCCI class A
OS	OS SUPPORT	Windows® 10 (64-bit), Windows® 8.1 (64-bit), Windows® 7 (32/64-bit) English

Ordering Guide

- BX-S3000-DC1800000 Base model with Intel® Celeron® G3900TE, DDR4 8GB Memory
- BX-S3000-DC4800000 Base model with Intel® Core™ i5-6500TE, DDR4 8GB Memory
- BX-S3000-DC5800000 Base model with Intel® Core™ i7-6700TE, DDR4 8GB Memory