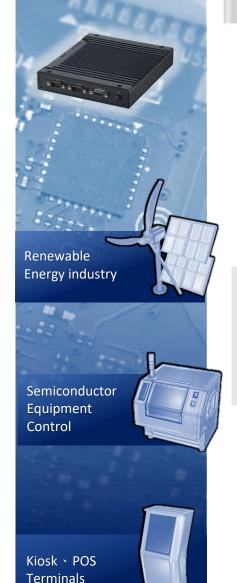
BX-T310-G

The Slim A5 Size Fan less BOX-PC

Intel® Elkhart Lake Platform Atom® x6413E Processor



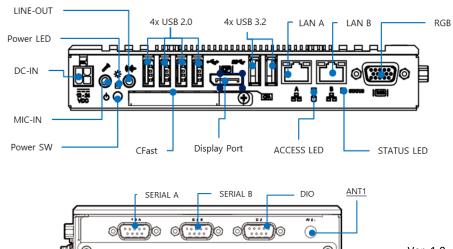
CONTEC

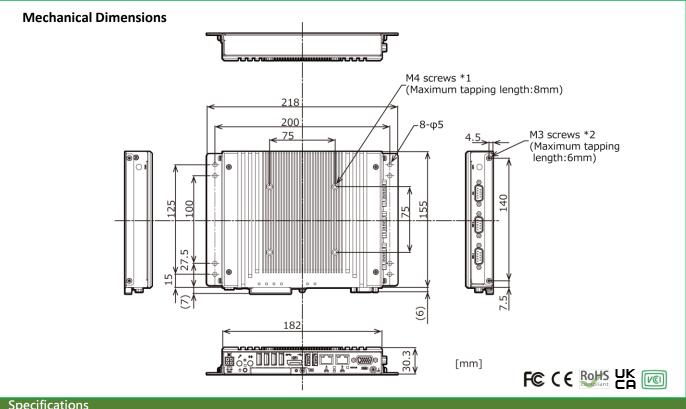


Features

- Intel® Elkhart Lake platform by x6413E Processor
- Fan less design with CFast Type I slot
- Dual 2.5GbE, 2x COM, 2x USB 3.2, 4x USB 2.0, 1x GPIO
- 1x DP, 1x VGA and other rich expansion interfaces
- Security by TPM2.0
- Wide range DC input

Along with the features of a fan-less box computer and easy maintenance, the BX-T310 also boasts high-speed network communication capabilities and an information security mechanism. It is not only suitable for factory automation but is also widely used in schools and public places, making it a reliable solution with high availability





Specifications	
MODEL NAME	BX-T310-G22000
PROCESSOR	Intel Atom® x6413E Processor, 1.5M Cache, up to 3.00 GHz
CHIPSET	SoC (System on chipset), Support IBECC
BIOS	AMI UEFI BIOS
MEMORY	DDR4 3200 MHz, SODIMM x 1,Up to 32GB
STORAGE I/F	1 x CFast type I (bootable)
DISPLAY INTERFACE	Controller: Intel® UHD Graphics for 10th Gen Intel® Processors 1 x VGA (up to 1920x1200@60Hz) 1 x Display Port (up to 4096 x 2304 @ 60Hz)
EXPANSION INTERFACE	1 x1 M.2 Key E 1630/2230 (PCIe +USB2.0) 1 x1 M.2 Key B 3042/3052 (PCIe x2)
WATCHDOG TIMER	Software programmable, 1 sec ~ 255 sec
HARDWARE MONITORING	System monitor (Voltage, CPU & system temperature)
AUDIO	Conforms to HD Audio, LINE OUT x1, MIC IN x1
ETHERNET	Dual RJ45 connector on rear I/O 2 x 10/100/1000/2500Mbps. 2.5G Ethernet port Controller: 2 x Intel i226IT
SERIAL PORT	1 x RS-232/422/485 (Side I/O) 1 x RS-232 ports (Side I/O)
USB PORT	2 xUSB 3.2 Gen1 (USB3.0) compliant 4 x USB 2.0 compliant 2ports
GPIO	6-bit GPIO by D-SUB 9P (Side I/O)
POWER MANAGEMENT	Power On by Ring/ Wake on LAN function (setting from BIOS)
DIMENSIONS & WEIGHT	182(W) x 155(D) x 30.3(H) mm , 1.3 kg (Not including the attachment fitting or protrusions)
POWER SUPPLY	12-24 VDC (± 10%); ATX /AT Mode by jumper setting
ENVIRONMENT	Operation Temperature: -20 to 70°C (airflow 0.7m/s) / -20 to 50°C (without airflow) Storage Temperature: -20 to 70°C Humidity: 10 to 90% non-condensing
OS DRIVER SUPPORT	Windows®10 IoT Enterprise LTSC 2021 64Bit
CERTIFICATE	CE / FCC / UKCA / VCCI Class A , RoHS2.0

Ordering Guide	
● BX-T310-G22000	Intel Atom® x6413E Processor, 8GB DDR4 SDRAM+ Wall mount kit
V1.0	Engineering change without notice