TB250-BTC D+ Motherboard

- Supports 7th Generation Intel® Core™ Processor
- Intel B250 single chip architecture
- Support SO-DIMM DDR4-2400/ 2133/ 1866 up to 16G maximum capacity
- Support 8 x PCI-E x16 slots
- Support HDMI®

Specifcation	
CPU SUPPORT	7th & 6th Gen Intel® Core™ i7 LGA 1151 Processor 7th & 6th Gen Intel® Core™ i5 LGA 1151 Processor 7th & 6th Gen Intel® Core™ i3 LGA 1151 Processor 7th & 6th Gen Intel® Pentium® LGA 1151 Processor 7th & 6th Gen Intel® Celeron® LGA 1151 Processor Maximum CPU TDP (Thermal Design Power) : 95Watt
MEMORY	1 x DDR4 SO-DIMM Memory Slot (Max Supports up to 16GB Memory)
INTEGRATED VIDEO	By CPU model Supports DX12 Supports HDCP
STORAGE	1 x SATA III Connector (6Gb/s) 1 x M.2 (M Key) 16Gb/s Connector:Support PCI-E & SATA SSD
LAN	Realtek RTL8111H - 10/100/1000Mb/s Controller
USB	6 x USB 2.0 Port (4 on rear I/Os and 2 via internal header)
EXPANSION SLOT	1 x PCI-E 3.0 x16 Slot(x16) 7 x PCI-E 2.0 x16 Slot(x1)
REAR I/O	4 x USB 2.0 Port 1 x HDMI® Connector 1 x LAN Port
INTERNAL I/O	1 x USB 2.0 Header(each header supports 2 USB 2.0 ports) 1 x SATA III Connector (6Gb/s) 1 x SATA Power Connector(for rear USB power enhancement) 1 x Front Panel Header 1 x CPU Fan Connector 7 x System Fan Connector 1 x Clear CMOS Header
H/W MONITORING	CPU / System Temperature Monitoring CPU / System Fan Monitoring Smart / Manual CPU Fan Control System Voltage Monitoring
DIMENSION	Special Form Factor Dimension: 48.5cm x 19.5cm (W x L)

BIOSTAR
BIOSTAR Intel International corp.

OS SUPPORT	Supports Windows 10(x64) / 11(x64) for Intel 7th Generation Processor ※Support Windows 7 / 8.1(x64) / 10(x64) / 11(x64) for Intel 6th Generation Processor
BUNDLE SOFTWARE	BullGuard Smart Speed LAN(Windows 7/ 8.1 only)
ACCESSORIES	2 x SATA Cable 1 x I/O Shield 1 x DVD Driver 1 x User Manual
FEATURES	Supports 100% Solid capacitor Supports Charger Booster Supports BIOS Online Update

OVERVIEW

Intel B250 chipset

Give your small business a boost with the Intel® B250 Chipset and the 7th Generation Intel® Core™ processor. The Intel B250 chipset provides you with the power and performance you need for your small business.

HDMI® 4K2K

The new 4K2K resolution enables high-definition image display with four times the resolution of full HD, 4K2K display is faithfully express bright, highly detailed content that fills the entire screen with lifelike images. Connectivity with PCs via a single HDMI® cable for displaying 4K2K data.

DX12

DirectX 12 introduces the next version of Direct3D, the graphics API at the heart of DirectX. Direct3D is one of the most critical pieces of a game or game engine, and we've redesigned it to be faster and more efficient than ever before. Direct3D 12 enables richer scenes, more objects, and full utilization of modern GPU hardware.

USB 3.1 Gen 1 Type-A

Experience Fastest data transfers at 5 Gbps with USB 3.1 Gen 1--the new latest connectivity standard. Built to connect easily with next-generation components and peripherals, USB 3.1 Gen 1 transfers data 10X faster and backward compatible with previous USB 2.0 components.

PCIe M.2 32Gb/s

PCI-e M.2 32Gb/s delivers the highest bandwidth and lower latency. It is 3 times faster compared with PCI-e M.2 10Gb/s.

SATAIII 6Gbps

SATAIII 6Gbps provides a higher bandwidth to retrieve and transfer HD media. With this super speed data transfer, SATAIII allows an incredible data boost which is 2x faster than the SATA II.

ESD Protection

ESD (Electrostatic Discharge) is the major factor to destroy the PC by electrical overstress (EOS) condition. ESD occurred by PC users when touch any devices connect to a PC, which may result in damage to the motherboard or parts. ESD protection is designed to protect the motherboard and equipment from damage by EOS.

BIOSTAR
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USB Polyswitch

On board dedicated power fuse to help prevent USB port failure. It prevents USB Port overcurrent and safe guard your system and device lifespan.

BIOS Virus Protection

When enabled, the BIOS will protect the boot sector and partition table by halting the system and flashing a warning message whether there's an attempt to write to these areas.

OC / OV / OH Protection

OC / OV / OH Protection design detects overvoltage conditions and prevents voltage surges from spreading in real time. It also actively cuts off the overvoltage supply to protect your system.

BullGuard Internet Security (90 days FREE trial)

BullGuard Internet Security comes with the broadest line-up of internet security features on the market, including: a cutting-edge dual Antivirus engine, Online Backup for your precious files, PC Tune Up to speed up your system, a Game Mode for a seamless gaming experience, Parental Control, Firewall, Safe Browsing and many more. Make the most of your digital life with Bullguard!

BIOScreen Utility

Personalize your desktop with customizable boot logo. BIOScreen is the new feature that lets you personalize and create your own style with unique, custom-made boot logo.

HDMI®

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*The specification and pictures are subject to change without notice and the package contents may differ by area or your motherboard version!

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