

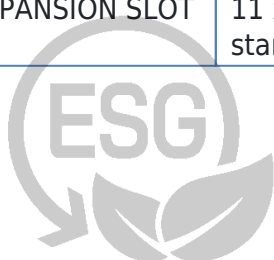
TB250-BTC PRO Motherboard



- Supports 7th Generation Intel® Core™ Processor
- Intel B250 single chip architecture
- Support 2-DIMM DDR4-2400/ 2133/ 1866 up to 32G maximum capacity
- Support 12 x PCI-E slots
- Support DVI-D
- Support USB 3.0

Specification

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 請瀏覽映泰網站 www.biostar.com.tw 獲得CPU的支援列表。
MEMORY	支援雙通道 DDR4 2400/ 2133/ 1866 MHz 2 x DDR4 DIMM插槽, 支援最高容量為32GB * DDR4 2400 僅適用於 7th Generation Intel® Core™ 處理器系列 ※請瀏覽映泰網站 www.biostar.com.tw 獲得記憶體體的支援列表
INTEGRATED VIDEO	By CPU model Supports DX12 Supports HDCP
STORAGE	6 x SATA III 接頭(6Gb/s)
LAN	Realtek RTL8111H - 10/100/1000Mb/s 半/全雙功能, 自動協商模式 Support Super LAN Surge Protection
AUDIO CODEC	Realtek ALC887 8 聲道, 支援高解析音效輸出 Support HD Audio
USB	6 x USB 3.0 連接埠(後側面板4個連接埠, 內建接頭支援2個連接埠) 6 x USB 2.0 連接埠(後側面板2個連接埠, 內建接頭支援4個連接埠)
EXPANSION SLOT	1 x PCIe 3.0 x16 插槽 11 x PCIe 3.0 x1 插槽(Note: PEX1_6/7/8/9/10/11 slot are not compatible w/ ATX standard, users need extra connecting kit to install VGA card for crypto mining.)



REAR I/O	1 x PS/2 鍵盤滑鼠連接埠 1 x PS/2 鍵盤連接埠 4 x USB 3.0 連接埠 2 x USB 2.0 連接埠 2 x USB 2.0 連接埠(only 5V power, up to 1.5A) 1 x DVI-D 接頭, resolution up to 1920 x 1200 @60Hz 1 x LAN 連接埠 3 x 音效連接埠
INTERNAL I/O	1 x USB 3.0 連接埠 2 x USB 2.0 連接埠 6 x SATA III 接頭 (6Gb/s) 1 x SATA Power Connector(for rear USB power enhancement) 1 x 前置音效接頭 1 x 前置面板接頭 1 x CPU 風扇接頭 2 x 系統風扇接頭 2 x PCI-E 12V 4Pin Connector(Must be installed when using for bitcoin mining.) 1 x 序列埠接頭
H/W MONITORING	CPU / System Temperature Monitoring CPU / System Fan Monitoring Smart / Manual CPU Fan Control System Voltage Monitoring
DIMENSION	ATX Form Factor Dimension: 29.5cm x 21cm (W x L)
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 如有增加或減少任何OS支援, Biostar保留不預先通知的權利。
BUNDLE SOFTWARE	BullGuard Smart Speed LAN(Windows 7/ 8.1 only) Intel Rapid Storage Technology
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



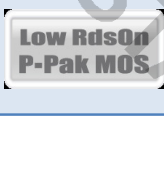
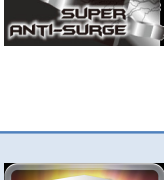
Intel B250 chipset

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.



HD Audio

Provides high quality sound with minimal loss of audio fidelity.

	DVI DVI is better than VGA for LCD displays since it is digital while VGA is analog. For LCD displays, the picture is digitized pixel per pixel. Through DVI, the panel gets data for each pixel, so the picture generated in the Graphics device matches the pixels on the panel itself.
	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 3.0 Experience Fastest data transfers at 5 Gbps with USB 3.0--the new latest connectivity standard. Built to connect easily with next-generation components and peripherals, USB 3.0 transfers data 10X faster and backward compatible with previous USB 2.0 components.
	Moistureproof of PCB The popularity of PC usage and working environment is getting deteriorating and moist (rural, coastal, etc.). The PCB will be oxidizing easily by damp or absorbed moisture, and ionic migration or CAF (Conductive Anodic Filament) will be generated. Moisture-proof PCB meets high density and high reliability requirements for moisture proof.
	Low RdsOn P-Pak MOS Low resistance design can significantly reduce the current out of energy loss. Low temperature, small size, excellent thermal conductivity.
	Super Anti-Surge Protection BIOSTAR exclusive Anti-Surge design provides the best protection of board and extends the product life. Having the latest model of "Transient Voltage Suppressor" on-board can effectively protect the board circuit, reducing the shocks caused by ESD as well as other damages arising from overvoltage transients to enhance system durability.
	Super LAN Surge Protection Super LAN Surge Protection, providing LAN port with more advanced antistatic protection capabilities by adding an integrated chip to strengthen electrical stability and prevent damage from lightning strikes and electrical surges. SLSP (Super LAN Surge Protection) series motherboard upgrades the existing system protection standards with maximum 4X protection comparing to other board makers.
	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.
	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.
	Header Zone Users can easily assemble their own computer, a simple-swap data discs and other accessories.



Bitcoin Mining

BIOSTAR offers a perfect choice for "Bitcoin Mining" with more PCI-E slots for users who wish to create a dedicated mining machine and getting a value oriented motherboard that can load up graphic cards is the ideal strategy.

*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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