MANUAL



H310M-TG

GAMING MOTHERBOARD

IMPORTANTE

É DE EXTREMA IMPORTÂNCIA LER, COMPREENDER E SEGUIR TODAS AS INSTRUÇÕES CONTIDAS NESTE MANUAL. FALHAS OCASIONADAS PELO MANUSEIO INCORRETO PODEM RESULTAR EM DANOS AO EQUIPAMENTO E POSSÍVEL ANULAÇÃO DA GARANTIA.

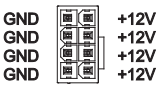
Interface e Instruções

Conectores de Alimentação ATX

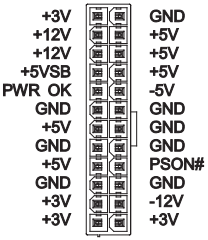
Existem dois tipos de conectores de alimentação ATX: EARXPWR de 24 pinos e EATX12V de 4/8 pinos.

Os conectores de alimentação são projetados para se encaixar apenas em uma orientação. Encontre a orientação correta e pressione firmemente até que os conectores se encaixem completamente.

Observação: Ambos os conectores de alimentação devem ser conectados ao mesmo tempo, caso contrário, o computador não poderá ser inicializado.



4/8-Pin EATX12V



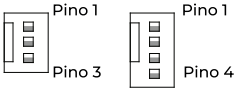
24-Pin EARXPWR

Conexão de ventoinhas

O conector na placa mãe está disponível tanto para ventoinha do processador quanto para da CPU. O fio vermelho deve ser conectado ao pino de alimentação +12V, e o fio preto deve ser conectado ao fio de terra.

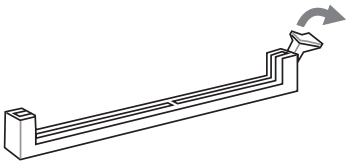
Pino	Definição
Pino 1	GND
Pino 2	FAN PWR
Pino 3	FAN IN
Pino 4	FAN PWM

Ventoinha padrão Ventoinha de CPU



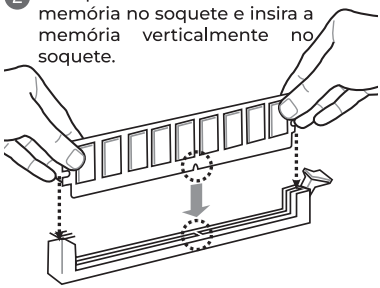
Instalando a memória

1

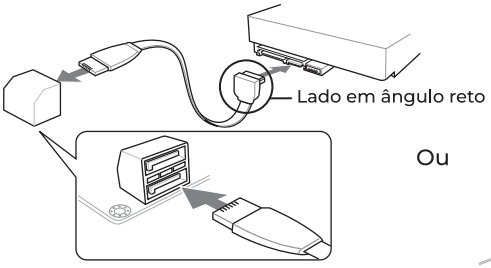


Abra os clipes de segurança nas extremidades (variam de acordo com os modelos de placa mãe).

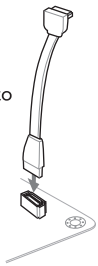
2 Coloque o módulo de memória no soquete e insira a memória verticalmente no soquete.



Instalando a unidade SATA



Ou

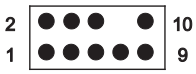


Conecte o lado vertical ao dispositivo SATA ou à porta SATA na placa mãe.

Áudio frontal

A placa mãe fornece uma interface de saída de áudio no painel frontal. O usuário pode usar o painel de saída de áudio frontal para substituir o painel traseiro da placa mãe. Por favor, conecte de acordo com as definições dos pinos.

Definição dos pinos de áudio frontais



Pino	Definição	Pino	Definição
Pino 1	PORT1 L	Pino 6	SENSE1_RETUR
Pino 2	GND	Pino 7	SENSE_SEND
Pino 3	PORT1 R	Pino 8	Sem pino
Pino 4	PRESENCE#	Pino 9	PORT2L
Pino 5	PORT 2 R	Pino 10	SENSE2_RETUR

Botão POWER

Este conector de 2 pinos controla a chave principal da fonte de alimentação ATX, e conectar os dois pinos Power ON ligará o dispositivo.

HDD LED

O LED mostra o estado de funcionamento do disco rígido. Conecte o cabo HDD de acordo com os logotipos positivo e negativo, como LED+ HDD e LED- HDD.

2.9 POWER LED

O LED de alimentação é um conector de 3 pinos. Deve ser conectado de acordo com as polaridades LED+ Power e LED- Power positivas e negativas. O LED de alimentação serve para exibir o estado atual do computador, acendendo, piscando ou desligando de acordo com a situação.

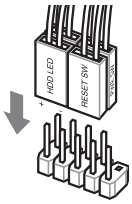
2.10 Botão RESET

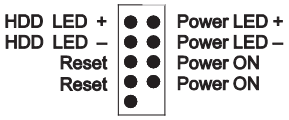
O botão de reset pode reiniciar o computador sem desligar a fonte de alimentação, conectando-o com o cabo de reset de 2 pinos no gabinete do computador.

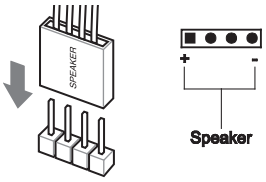
2.11

O cabo do alto-falante com 4 pinos tem uma direção. Conecte o cabo de 4 pinos no gabinete do computador de acordo com os pinos correspondentes. O cabo vermelho deve ser conectado ao polo positivo.

Observação: Existem dois tipos de cabos no painel do gabinete, como abaixo:

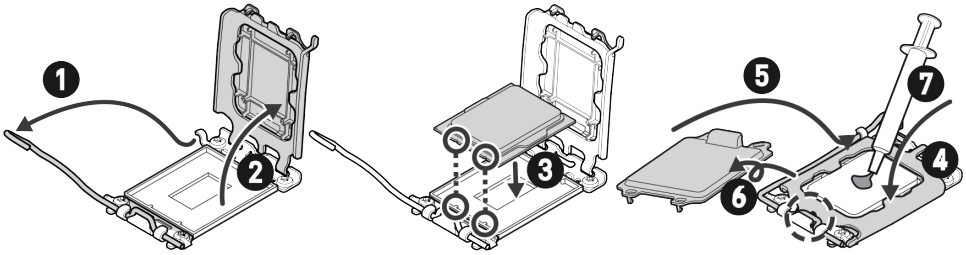




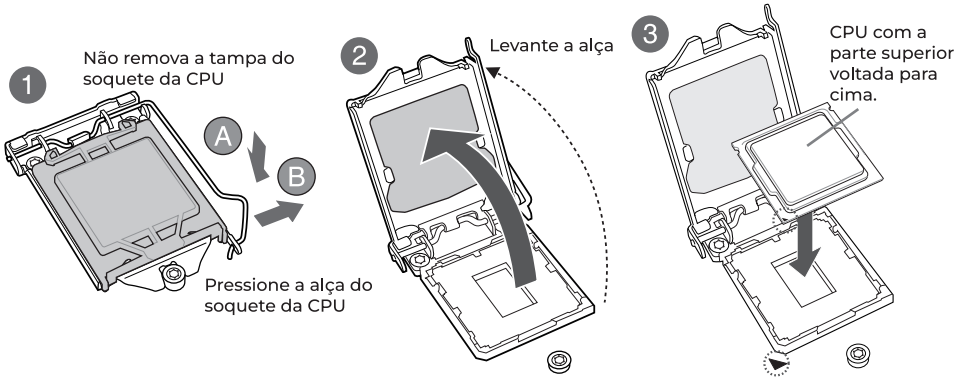


Instalando a CPU INTEL

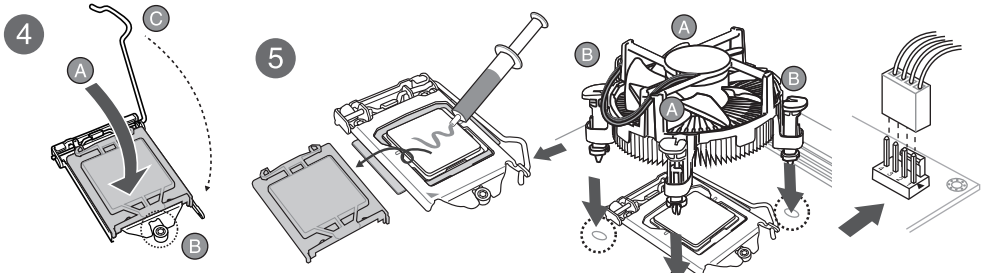
Processador LGA1155



Processador LGA1155



Instalação do cooler da CPU



Depois que a placa de carga estiver sob o parafuso, pressione a alavanca do soquete.

Após a capa protetora de plástico se soltar, aplique a pasta térmica na superfície da CPU instalada.

Instale o cooler da CPU e conecte o conector de energia do cooler à entrada de ventoinha da CPU na placa-mãe.

Guarde a tampa adequadamente e sempre a recoloque quando a CPU não estiver instalada.

AGRADECEMOS POR ESCOLHER O PICHAU GROUP COMO PARTE DA SUA JORNADA.

TARGET

PICHAU

EXPLORE NOSSOS SITES E ENCONTRE O PRODUTO IDEAL PARA ELEVAR SUA EXPERIÊNCIA.

MANUAL | ES



H310M-TG

GAMING MOTHERBOARD

IMPORTANTE

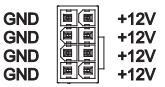
ES DE EXTREMA IMPORTANCIA LEER, COMPRENDER Y
SEGUIR TODAS LAS INSTRUCCIONES CONTENIDAS EN ESTE MANUAL. LOS FALLOS
CAUSADOS POR UN MANEJO INCORRECTO PUEDEN PROVOCAR
DAÑOS EN EL EQUIPO Y LA POSIBLE ANULACIÓN DE LA GARANTÍA.

Interface e Instrucciones

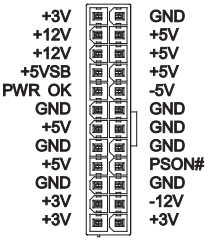
Conectores de alimentación ATX

Existen dos tipos de conectores de alimentación ATX: el EARXPWR de 24 pines y el EATX12V de 4/8 pines.
Los conectores de alimentación están diseñados para encajar solo en una orientación. Busca la orientación correcta y presiona con firmeza hasta que los conectores encajen por completo.

Nota: Ambos conectores de alimentación deben conectarse al mismo tiempo; de lo contrario, el ordenador no se podrá iniciar.



4/8-Pin EATX12V



24-Pin EARXPWR

Conexión de ventiladores

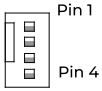
El conector de la placa base sirve tanto para el ventilador del procesador como para el de la CPU. El cable rojo debe conectarse al pin de alimentación de +12 V, y el cable negro debe conectarse al cable de tierra.

Pin	Definición
Pin 1	GND
Pin 2	FAN PWR
Pin 3	FAN IN
Pin 4	FAN PWM

Ventilador estándar

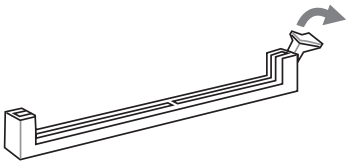


Ventilador de CPU



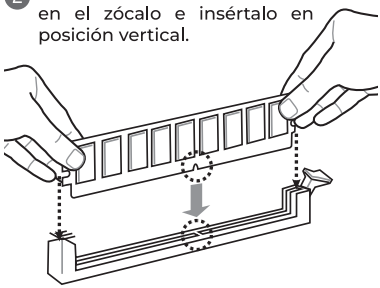
Instalación de la memoria

1

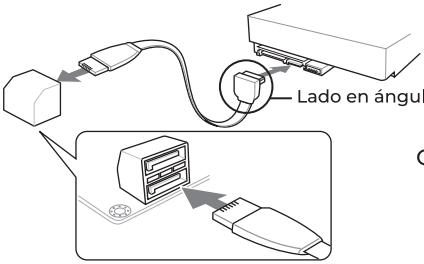


Abre los clips de seguridad de los extremos (varían según el modelo de placa base).

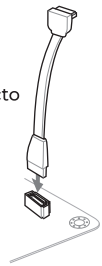
2 Coloca el módulo de memoria en el zócalo e insértalo en posición vertical.



Instalación de la unidad SATA



O

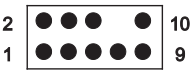


Conecta el lado vertical al dispositivo SATA o al puerto SATA de la placa base.

Audio frontal

La placa base dispone de una interfaz de salida de audio en el panel frontal. El usuario puede utilizar el panel de salida de audio frontal para sustituir al panel trasero de la placa base. Por favor, conéctelo siguiendo la configuración de los pines.

Descripción de los conectores de audio frontales



Pin	Definición	Pin	Definición
Pin 1	PORT1 L	Pin 6	SENSE1_RETUR
Pin 2	GND	Pin 7	SENSE_SEND
Pin 3	PORT1 R	Pin 8	Sin Pin
Pin 4	PRESENCE#	Pin 9	PORT2L
Pin 5	PORT 2 R	Pin 10	SENSE2_RETUR

Botón de POWER

Este conector de 2 pines controla el interruptor principal de la fuente de alimentación ATX, y al conectar los dos pines de encendido se encenderá el dispositivo.

HDD LED

El LED indica el estado de funcionamiento del disco duro. Conecta el cable del disco duro siguiendo las indicaciones de los logotipos de polo positivo y negativo, como LED+ HDD y LED- HDD.

2.9 POWER LED

El LED de alimentación es un conector de 3 pines. Debe conectarse respetando las polaridades positiva y negativa de LED+ Power y LED- Power. El LED de alimentación sirve para indicar el estado actual del ordenador, encendiéndose, parpadeando o apagándose según la situación.

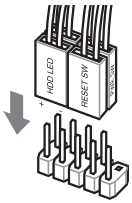
2.10 Botão RESET

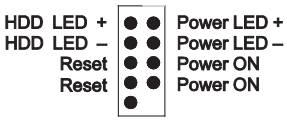
El botón de reinicio permite reiniciar el ordenador sin desconectar la fuente de alimentación, conectándolo mediante el cable de reinicio de dos pines a la carcasa del ordenador.

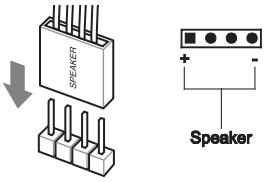
2.11

El cable de 4 pines del altavoz tiene una orientación específica. Conecta el cable de 4 pines a la carcasa del ordenador haciendo coincidir los pines correspondientes. El cable rojo debe conectarse al polo positivo.

Nota: Hay dos tipos de cables en el panel del armario, como se muestra a continuación:

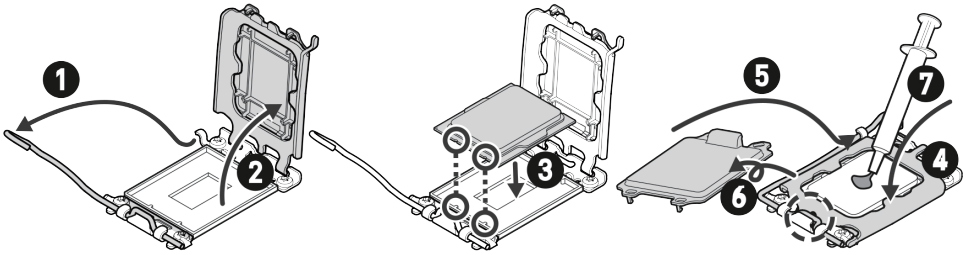




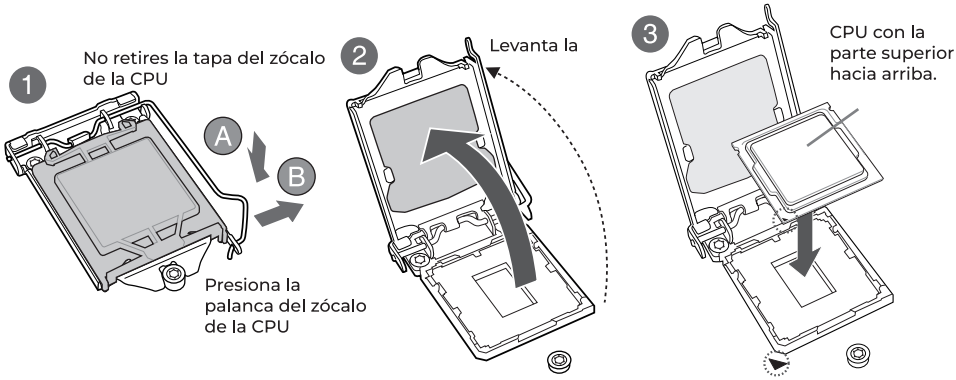


Instalación de la CPU INTEL

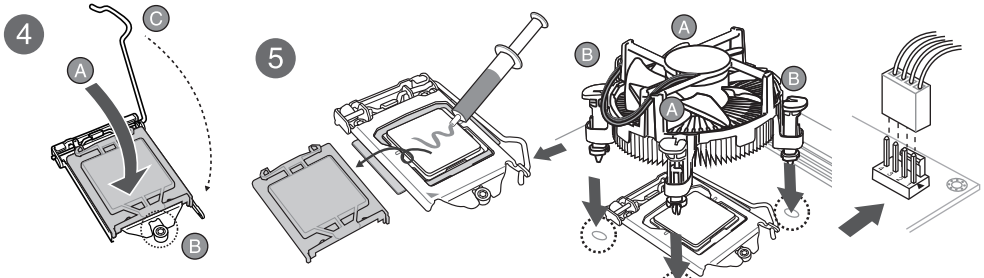
Procesador LGA1155



Processador LGA1155



Instalación del disipador térmico de la CPU



Una vez que la placa de carga esté debajo del tornillo, presiona la palanca del zócalo.

Una vez retirada la lámina protectora de plástico, aplica la pasta térmica sobre la superficie de la CPU instalada.

Instala el disipador de la CPU y conecta el conector de alimentación del disipador a la entrada del ventilador de la CPU en la placa base.

Guarde la tapa en un lugar adecuado y vuelva a colocarla siempre que la CPU no esté instalada.

GRACIAS POR ELIGIR A PICHAU GROUP COMO PARTE DE SU TRAYECTORIA.

EXPLORE OUR WEBSITE AND FIND THE PERFECT PRODUCT TO ENHANCE YOUR EXPERIENCE.

MANUAL | EN



H310M-TG

GAMING MOTHERBOARD

IMPORTANT

IT IS EXTREMELY IMPORTANT TO READ, UNDERSTAND, AND FOLLOW ALL THE INSTRUCTIONS CONTAINED IN THIS MANUAL. FAILURES CAUSED BY INCORRECT HANDLING MAY RESULT IN DAMAGE TO THE EQUIPMENT AND POSSIBLE VOIDING OF THE WARRANTY.

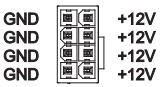
Interface & Instructions

ATX Power Connectors

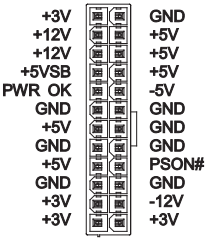
There are two types of ATX power connectors: 24-pin EARXPWR and 4/8-pin EATX12V.

The power connectors are designed to fit in only one orientation. Find the correct orientation and press firmly until the connectors are completely engaged.

Note: Both power connectors must be connected at the same time, otherwise the computer cannot be initialized.



4/8-Pin EATX12V

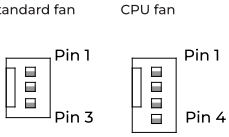


24-Pin EARXPWR

Fan Connection

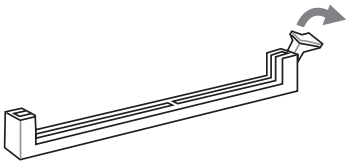
The connector on the motherboard is available both for the processor fan and for the CPU fan. The red wire must be connected to the +12V power pin, and the black wire must be connected to the ground wire.

Pin	Definition
Pin 1	GND
Pin 2	FAN PWR
Pin 3	FAN IN
Pin 4	FAN PWM



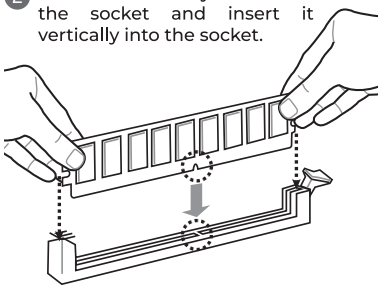
Installing the memory

1

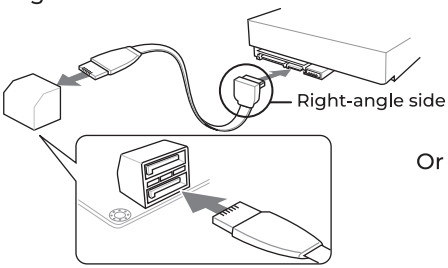


Open the safety clips at the ends (these vary depending on the motherboard model).

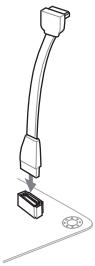
2 Place the memory module in the socket and insert it vertically into the socket.



Installing the SATA drive



Or

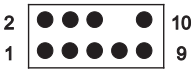


Connect the vertical end to the SATA device or the SATA port on the motherboard.

Front audio

The motherboard provides an audio output interface on the front panel. You can use the front audio output panel to replace the motherboard's rear panel. Please connect it according to the pin assignments.

Definition of the front audio jacks



Pin	Definition	Pin	Definition
Pin 1	PORT1 L	Pin 6	SENSE1_RETUR
Pin 2	GND	Pin 7	SENSE_SEND
Pin 3	PORT1 R	Pin 8	Sem pino
Pin 4	PRESENCE#	Pin 9	PORT2L
Pin 5	PORT 2 R	Pin 10	SENSE2_RETUR

POWER button

This 2-pin connector controls the main switch on the ATX power supply; connecting the two Power ON pins will turn on the device.

HDD LED

The LED indicates the hard drive's operating status. Connect the HDD cable according to the positive and negative symbols, such as LED+ HDD and LED- HDD.

2.9 POWER LED

The power LED is a 3-pin connector. It must be connected according to the positive and negative polarities (LED+ Power and LED- Power). The power LED is used to display the computer's current status, lighting up, flashing, or turning off depending on the situation.

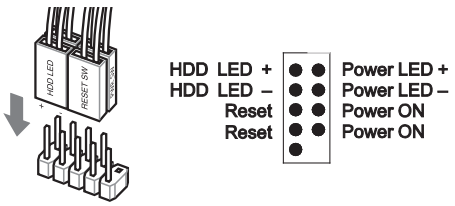
2.10 RESET button

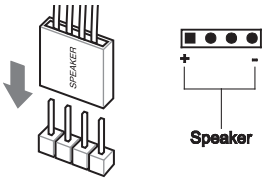
The reset button can restart the computer without turning off the power supply by connecting it to the computer case using the 2-pin reset cable.

2.11

The 4-pin speaker cable is polarity-sensitive. Connect the 4-pin cable to the computer case, matching the pins accordingly. The red wire must be connected to the positive terminal.

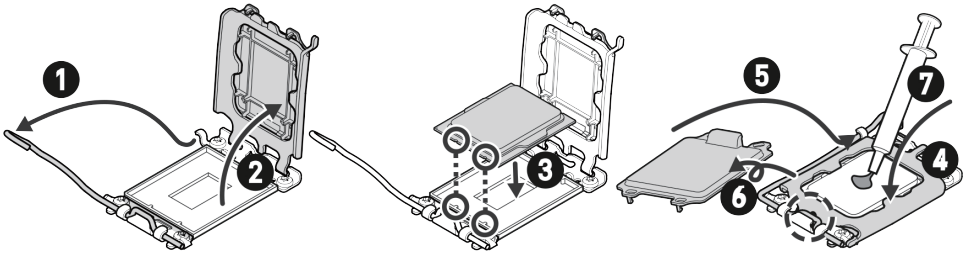
Note: There are two types of cables on the cabinet panel, as shown below:



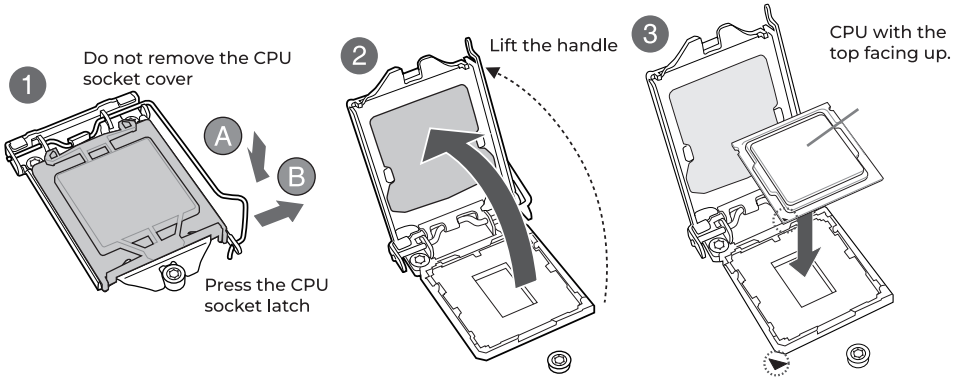


Installing the Intel CPU

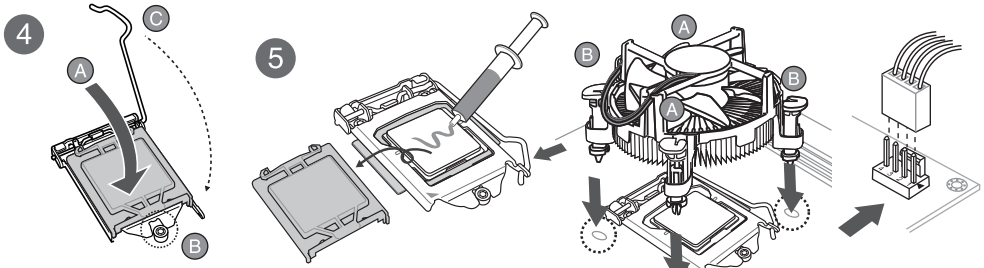
LGA1155 processor



LGA1155 processor



Installing the CPU cooler



Once the load plate is under the screw, press the socket lever.

Once the protective plastic cover has been removed, apply the thermal paste to the surface of the installed CPU.

Install the CPU cooler and connect the cooler's power connector to the CPU fan header on the motherboard.

Store the cover properly and always replace it when the CPU is not installed.

THANK YOU FOR CHOOSING THE PICHAU GROUP AS PART OF YOUR JOURNEY.

TARGET

PICHAU

EXPLORE OUR WEBSITES AND FIND THE PERFECT PRODUCT TO ENHANCE YOUR EXPERIENCE.


target