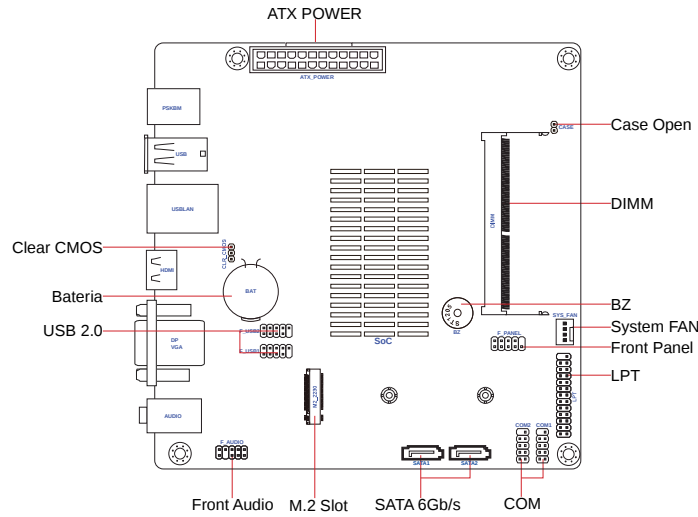


Guia de Instalação IPX4005E

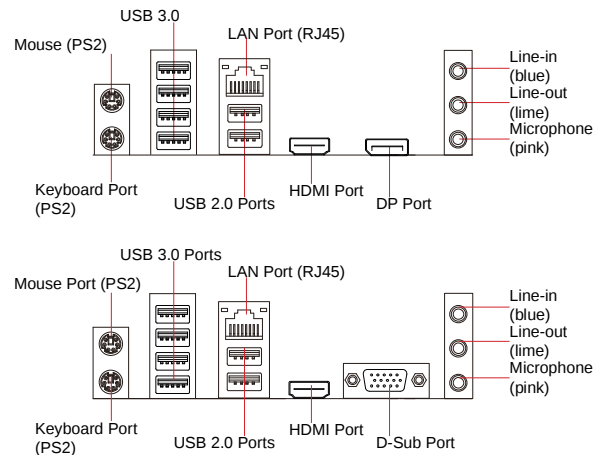
Especificações

CPU	Intel® Gemini Lake 1090 BGA 14nm
Memória	- DDR4 SO-DIMM 1 x soquete 288-pinos suporte até 8GB - Suporte até DDR4 2400 MHz SDRAM
Expansão	1 x M.2 slot (Soquete 3 key A/E 2230 para WiFi/BT suporte CNVi)
Storage	- Suporte através Intel® Gemini Lake 1090 BGA 14nm - 2 x Serial ATA 6Gb/s
Audio	- Realtek ALC662-VD0-GR 6CH HD Audio CODEC - 6-Canais em alta definição - Compatível com as especificações de Audio HD
LAN	Realtek RTL8111H Gigabit Lan
I/O	1 x Conector PS/2 Keyboard & PS/2 Mouse 4 x Portas USB 3.0 1 x Conector RJ45 LAN 2 x Portas USB 2.0 1 x Porta HDMI 1 x Porta D-sub (VGA) 1 x Audio port (1 x line-in, 1 x line-out, 1 x Microfone)
Conectores Internos	1 x Conector 24-pin ATX Power 1 x Conector 4-pin SYS_FAN 2 x Conector USB 2.0 que suporte até 4 portas USB 2.0 2 x Conectores COM 2 x Serial ATA 6Gb/s connectors 2 x Conectores COM 1 x Buzzer 1 x Painei Frontal 1 x Conector de Audio Frontal 1 x Clear CMOS 1 x Case open 1 x Conector LPT
BIOS	- AMI BIOS with 128Mb SPI Flash ROM - Suporte Plug & Play, STR (S3)/ STD (S4), Hardware Monitor - Suporte ACPI & DMI - Audio (Buzzer) - F7 hot key para opções de BIOS - Suporte PgUp clear CMOS Hotkey
Form Factor	Mini ITX Size, 170mm x 170mm

Layout Motherboard



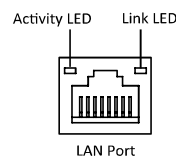
IO Portas



Jumper



LAN LED indicators



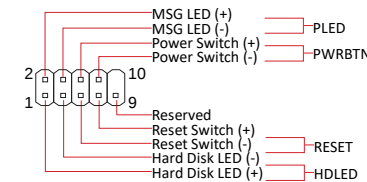
LAN LED	Status	Description
At vidade LED	Desligado	Sem dados
	Laranja piscando	At vo
Link LED	Desligado	Sem Link
	Verde	Link

Pinos Definições

ATX Power

Pin	Definição	Pin	Definição
1	+3.3V	13	+3.3V
2	+3.3V	14	-12V
3	GND	15	GND
4	+5V	16	PS_ON
5	GND	17	GND
6	+5V	18	GND
7	GND	19	GND
8	Power Good	20	-5V
9	5VSB	21	+5V
10	+12V	22	+5V
11	+12V	23	+5V
12	+3.3V	24	GND

Front Panel



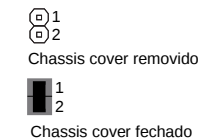
LPT

Pin	Definição	Pin	Definição
1	STROBE	14	AFD
2	PD0	15	ERROR
3	PD1	16	INIT
4	PD2	17	SLCT
5	PD3	18	GND
6	PD4	19	GND
7	PD5	20	GND
8	PD6	21	GND
9	PD7	22	GND
10	ACK	23	GND
11	BUSY	24	GND
12	PE	25	GND
13	SLCT	26	No Pin

System FAN

Pin	Definição
1	GND
2	+12V
3	Sensor
4	PWM

Case Open



USB 2.0

Pin	Definição
1	Power +5V
2	Power +5V
3	USB Port A (-)
4	USB Port B (-)
5	USB Port A (+)
6	USB Port B (+)
7	GND
8	GND
9	No Pin
10	NC

SATA 6Gb/s

Pin	Definição
1	GND
2	TXP
3	TXN
4	GND
5	RXN
6	RXP
7	GND

COM

Pin	Definição
1	DCDB
2	SINB
3	SOUTB
4	DTRB
5	GND
6	DSRB
7	RTSB
8	CTSB
9	RI
10	No Pin

Front Audio

Pin	Definição
1	MIC2_L
2	GND
3	MIC2_R
4	NC
5	LINE2_R
6	Sense
7	GND
8	No Pin
9	LINE2_L
10	Sense

