

## DATI PC-MATTIA

**CPU:** INTEL CORE I7-8750H 2.20GHZ - SOCKET 1440 FCBGA (6 CORE THREADS 12)

**RAM:** 16GB DUAL DDR4 (8GB + 8GB) SAMSUNG (RANK SINGLE)

**MAINBOARD:** HP8478 PCI-EXPRESS 3.0

**BIOS:** INSYDE F.29 11-10-2022

**SCHEDA VIDEO:** NVIDIA GEFORCE GTX1050Ti + INTEL GRAPHIC 630

**HARD DISK:** HGST HTS721 250GB (DISCO C:) + SAMSUNG NTFS 1TB (DISCO D:)

**Windows Version** Microsoft Windows 11 (10.0) Home 64-bit (Build 22621)

**DirectX Version** 12.0

### Processors

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CPU Groups 1

CPU Group 0 12 CPUs, mask=0FFF

Number of sockets 1

Number of threads 12

### APICs

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#### Socket 0

-- Core 0 (ID 0)

-- Thread 0 0

-- Thread 1 1

-- Core 1 (ID 1)

-- Thread 2 2

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-- Thread 3      3
-- Core 2 (ID 2)
  -- Thread 4    4
  -- Thread 5    5
-- Core 3 (ID 3)
  -- Thread 6    6
  -- Thread 7    7
-- Core 4 (ID 4)
  -- Thread 8    8
  -- Thread 9    9
-- Core 5 (ID 5)
  -- Thread 10   10
  -- Thread 11   11
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## Timers

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ACPI timer	3.580 MHz
Perf timer	10.000 MHz
Sys timer	1.000 KHz

## Processors Information

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Socket 1	ID = 0
Number of cores	6 (max 6)
Number of threads	12 (max 12)
Manufacturer	GenuineIntel
Name	Intel Core i7 8750H
Codename	Coffee Lake
Specification	Intel(R) Core(TM) i7-8750H CPU @ 2.20GHz

Package (platform ID)	Socket 1440 FCBGA (0x5)
CPUID	6.E.A
Extended CPUID	6.9E
Core Stepping	U0
Technology	14 nm
TDP Limit	45.0 Watts
Tjmax	100.0 C
Core Speed	3390.9 MHz
Multiplier x Bus Speed	34.0 x 99.7 MHz
Base frequency (cores)	99.7 MHz
Base frequency (ext.)	99.7 MHz
Stock frequency	2200 MHz
Max frequency	4100 MHz
Instructions sets	MMX, SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2, EM64T, VT-x, AES, AVX, AVX2,
FMA3	
Microcode Revision	0xF0
L1 Data cache	6 x 32 KB (8-way, 64-byte line)
L1 Instruction cache	6 x 32 KB (8-way, 64-byte line)
L2 cache	6 x 256 KB (4-way, 64-byte line)
L3 cache	9 MB (12-way, 64-byte line)
Max CPUID level	00000016h
Max CPUID ext. level	80000008h
FID/VID Control	yes
PCI capability	
Caps class	PCI Express
Caps offset	0x40
Device type	Root Port of PCI-E Root Complex
Port	13
Caps version	2.0
Physical slot	#1
Presence detect	yes

Link width	1x (max 1x)
Link speed	2.5 GT/s (max 8.0 GT/s)
 Drive 0	
Device Path	
\?\scsi#disk&ven_nvme&prod_samsung_mzvib256#5&127bbeab&0&000000#{53f56307-b6bf-11d0-94f2-00a0c91efb8b}	
Name	SAMSUNG MZVLB256HAHQ-000H1
Revision	EXD70H1Q
Serial	S425NX2KC92572
Capacity	238.5 GB
Type	Fixed, SSD
Bus Type	NVMe (17)
Features	
Controller	NVM Express (NVMe) Controller at bus 4, device 0, function 0
Link Speed	PCI-E 4x @ 8.0 GT/s
Volume	c:\, 237.2 GBytes (26.4 percent available)
 Drive 1	
Device Path	
\?\scsi#disk&ven_hgst&prod_hts721010a9e630#4&82e2a1c&0&000500#{53f56307-b6bf-11d0-94f2-00a0c91efb8b}	
Name	HGST HTS721010A9E630
Revision	JB0OA3T0
Serial	JR1000BDG6EUKE
Capacity	931.5 GB
Type	Fixed
Bus Type	SATA (11)
Rotation speed	7200 RPM
Features	SMART
Controller	Serial ATA Controller - AHCI at bus 0, device 23, function 0
Volume	d:\, 931.5 GBytes (37.3 percent available)

## USB Devices

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USB Device product=0x2817	Hub USB generico, class=0x09, subclass=0x00, vendor=0x2109,
USB Device product=0x8603	Dispositivo USB composito, class=0x00, subclass=0x00, vendor=0x0C45,
USB Device product=0x0ADF	Dispositivo USB composito, class=0x00, subclass=0x00, vendor=0x046D,
USB Device product=0x5251	Dispositivo USB composito, class=0xEF, subclass=0x02, vendor=0x0408,
USB Device product=0xB00B	Realtek Bluetooth 4.2 Adapter, class=0xE0, subclass=0x01, vendor=0x0BDA,
USB Device product=0x0817	Hub USB SuperSpeed generico, class=0x09, subclass=0x00, vendor=0x2109,

## Graphics

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Number of adapters 2

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### Graphic APIs

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API	D3D
API	NVIDIA I/O
API	NVIDIA NVAPI
API	Intel I/O

### Display Adapters

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#### Display adapter 0

ID	0x1090307
Name	NVIDIA GeForce GTX 1050 Ti

Board Manufacturer	Hewlett-Packard
Revision	A1
Codename	GP107
Core family	0x137 (GP107-A)
TDP	75.0 W
Cores	768
ROP Units	32
TM Units	48
Technology	14 nm
Memory type	GDDR5 (Hynix)
Memory size	4 GB
Memory bus width	128 bits
PCI device	bus 1 (0x1), device 0 (0x0), function 0 (0x0)
Vendor ID	0x10DE (0x103C)
Model ID	0x1C8C (0x8478)
Revision ID	0xA1
Root device	bus 0 (0x0), device 1 (0x1), function 0 (0x0)
Performance Level	Base
Core clock	1493.0 MHz
Memory clock	3504.0 MHz
Performance Level	Boost
Core clock	1620.0 MHz
Memory clock	3504.0 MHz
Performance Level	Current
Core clock	139.0 MHz
Memory clock	405.0 MHz
Driver version	31.0.15.3713
WDDM Model	3.1

## Display adapter 1

ID	0x4000000
Name	Intel(R) UHD Graphics 630
Board Manufacturer	Hewlett-Packard
PCI device	bus 0 (0x0), device 2 (0x2), function 0 (0x0)
Vendor ID	0x8086 (0x103C)
Model ID	0x3E9B (0x8478)
Revision ID	0x0
Driver version	26.20.100.6911
WDDM Model	2.6

Win32_VideoController	AdapterRAM = 0xFFFF0000 (4293918720)
Win32_VideoController	AdapterRAM = 0x40000000 (1073741824)
Win32_VideoController	DriverVersion = 31.0.15.3713
Win32_VideoController	DriverVersion = 26.20.100.6911
Win32_VideoController	DriverDate = 08/14/2023
Win32_VideoController	DriverDate = 05/28/2019

## Monitor 0

Model	()
ID	BOE07A1
Serial	
Manufacturing Date	Week 38, Year 2016
Size	15.3 inches
Max Resolution	1920 x 1080 @ 60 Hz
Horizontal Freq. Range	0-0 kHz
Vertical Freq. Range	0-0 Hz
Max Pixel Clock	0 MHz
Gamma Factor	2.2

## Monitor 1

Model	CHHWJT ()
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ID GDH0030

Serial

Manufacturing Date Week 18, Year 2017

Size 52.0 inches

Max Resolution 1920 x 540 @ 60 Hz

Horizontal Freq. Range 30-80 kHz

Vertical Freq. Range 50-75 Hz

Max Pixel Clock 180 MHz

Gamma Factor 2.2

Software

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Windows Version Microsoft Windows 11 (10.0) Home 64-bit (Build 22621)

DirectX Version 12.0

Register Spaces

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Register space PCI

Register space PCI #2

Register space PCI Express, base address = 0x0E0000000

Register space SMBus, base address = 0x06040