



PART NUMBER: IPC-TOWER

- Intel® 12th/13th generation Core™ i9/i7/i5/i3 & Pentium®/Celeron® processor with H610E chipset
- Designed for operator IPC and applications with space limits
- Dual USB 3.2 and dual USB 2.0 ports
- Dual independent display (HDMI/ DP)
- 2 low profile expansion slots
- Built-in 250W 12V and 5V output only single power supply

SPECIFICATION

13th Generation Processors	CPU	i9-13900(E)	i9-13900TE	i7-13700(E)	i7-13700TE	i5-13500(E)	i5-13500TE	i5-13400(E)	i3-13100(E)	i3-13100TE				
	P-Core Base Freq. (up to)	2.0 GHz	1.1 GHz	2.1 GHz	1.4 GHz	2.5 GHz	1.6 GHz	2.5 GHz	3.4 GHz	2.5 GHz				
	L3 Cache	36 MB	36 MB	30 MB	30 MB	24 MB	24 MB	20 MB	12 MB	12 MB				
	Cores	24	24	16	16	14	14	10	4	4				
	Base Power	65 W	35 W	65 W	35 W	65 W	35 W	65 W	60 W	35 W				
12th Generation Processors	CPU	i9-12900(E)	i9-12900TE	i7-12700(E)	i7-12700TE	i5-12500(E)	i5-12400	i5-12500TE	i3-12100(E)	i3-12100TE	Pentium G7400E	Pentium G7400TE	Celeron G6900E	Celeron G6900TE
	Base Frequency	2.4 GHz	2.3 GHz	2.1 GHz	1.4 GHz	2.9 GHz	2.5 GHz	1.9 GHz	3.2 GHz	2.1 GHz	3.6 GHz	3.0 GHz	3.0 GHz	2.4 GHz
	L3 Cache	30 MB	30 MB	25 MB	25 MB	18 MB	18 MB	18 MB	12 MB	12 MB	6 MB	6 MB	4 MB	4 MB
	Cores	16	16	12	12	6	6	6	4	4	2	2	2	2
	TDP	65 W	35 W	65 W	35 W	65 W	35 W	35 W	65 W	35 W	46 W	35 W	46 W	35 W
	Socket	LGA 1700												
	Temperature	0 ~ 40 °C												
	Chipset	H610E												
BIOS	AMI 256MB SPI Flash													
Expansion Slot	PCIeX4 (Gen 3)	1 (Max. card length 170 mm)												
	PCIeX16 (Gen 4)	1 (Max. card length 170 mm)												
Memory	Technology	Dual Channel (Non-ECC) DDR4 3200 MHz												
	Max. Capacity	64 GB												
	Sockets	2 x 288-pin DIMM												
Graphics	Controller	Chipset integrated Intel HD Graphics												
	VRAM	Shares system memory is subjected to OS												
Ethernet	Interface	10/100/1000/2.5G Mbps (2.5G for LAN2 only)												
	Controller	GbE LAN1: Intel I219-V; GbE LAN2: Intel I226-V												
	Connector	2 x RJ-45												
SATA	Max. Data Transfer Rate	600 MB/s												
	Channel	3												
Front Panel I/O and Miscellaneous	USB	4 (2 x USB 3.2 Gen1 and 2 x USB 2.0)												
	LED Indicators	PWR, HDD												
Rear I/O	HDMI	1 (Resolution up to 4096 x 2160 @ 60Hz)												
	DP 1.2	1 (Resolution up to 4096 x 2160 @ 60Hz)												
	Ethernet	2												

	USB	4 (2 x USB 3.2 Gen 1, 2 x USB 2.0)	
	Audio	2 (Line-out , Mic-in)	
Internal Connectors	USB type A	1	
	SATA	3	
	M/2	M key (link x2)	
	mSATA	1	
Drive Bay	Slim Optical Drive	1	
	3.5"	1 (For single 2.5" or 3.5" HDD/SSD)	
Cooling	Fan	NA (Optional as 98R)	
	Air Filter	NA (Optional as 98R)	
Environment		Operating	Non-operating
	Temperature	0 ~ 40 °C	-20 ~ 60 °C
	Humidity	85% RH@ 40 °C, non-condensing	95% RH @ 60 °C, non-condensing
	Vibration (5-500Hz)	1 Grms	2 G
	Shock	10G (with 11ms duration, hal sine wave)	
System Security Monitoring	Chassis intrusion switch (Optional)		
	Padlock hoop		
	Kensington cable lock slot		
Physical Characteristics	Dimensions (W x H x D)	95 x 270 x 300 mm (3.74 x 10.63 x 11.81 inch)	
	Weight	3.306 kg (7.289 lb)	
EMC Emission Class	EMI class B		

The Power to Outperform

Would you like to find out more? Be sure to speak to our on-stand team or contact us via the details here and we would be happy to help.

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