



Product code: G5-5587-R6168BTW

Product name : 5587



Publication date: 10-JUL-2025. Prints or copies of Information are only valid on the printed Publication date

CPU		CPU Features	
Processor	DMI	Intel® Flex	✓
Stepping	U0	Intel® (Intel® AES-NI)	✓
CPU Power (TDP)	45 W	Intel® Trusted Execution	✗
TDP-down	35 W	Intel® Enhanced Halt State	✓
TDP-down Frequency	1.7 GHz	Intel® VT-x Extended Page Tables (EPT)	✓
Tjunction	100 °C	Intel® TSX - NI	✗
PCI Express	16	Intel® Stable Image Platform Program (SIPP)	✗
PCI Express	3.0	Intel® OS Guard	✓
ECC	✗	Intel® Clear Video	✓
Memory		Intel® MID (Intel® CVT for MID)	✓
Memory *	16 GB	Intel® 64	✓
Memory Type	DDR4-SDRAM	Intel® OS Guard	✓
Memory Speed	2666 MHz	Intel® Clear Video	✓
Memory Type	SO-DIMM	Intel® MID (Intel® CVT for MID)	✓
Memory Type	2x SO-DIMM	Intel® 64	✓
Memory *	32 GB	Intel® OS Guard	✓
Storage		Intel® Clear Video	✓
Storage *	1.13 TB	Intel® MID (Intel® CVT for MID)	✓
Storage Type	HDD+SSD	Intel® 64	✓
Storage Type	1	Intel® OS Guard	✓
Storage Type	1 TB	Intel® Clear Video	✓
Storage Type	2.5	Intel® MID (Intel® CVT for MID)	✓
Storage Type	1	Intel® 64	✓
Storage Type	128 GB	Intel® OS Guard	✓
Storage Type	✗	Intel® Clear Video	✓
Storage Type	✓	Intel® MID (Intel® CVT for MID)	✓
Storage Type	MMC, SD	Intel® 64	✓
Graphics		Intel® OS Guard	✓
Graphics *	NVIDIA® GeForce® GTX 1060 Max-Q	Intel® Clear Video	✓
Graphics	6 GB	Intel® MID (Intel® CVT for MID)	✓
Graphics	GDDR5	Intel® 64	✓
Graphics *	✓	Intel® OS Guard	✓
Graphics *	✓	Intel® Clear Video	✓
Graphics	Intel® UHD Graphics	Intel® MID (Intel® CVT for MID)	✓
Graphics *	Intel® UHD Graphics 630	Intel® 64	✓
Graphics	350 MHz	Intel® OS Guard	✓
Graphics	1100 MHz	Intel® Clear Video	✓
Graphics	64 GB	Intel® MID (Intel® CVT for MID)	✓
Graphics	12.0	Intel® 64	✓
Graphics DirectX	4.5	Intel® OS Guard	✓
Graphics OpenGL	0x3E9B	Intel® Clear Video	✓
Graphics	1	Intel® MID (Intel® CVT for MID)	✓
CUDA	✓	Intel® 64	✓
Audio		Intel® OS Guard	✓
Audio	Realtek ALC3246-CG	Intel® Clear Video	✓
Audio	MaxxAudio Pro	Intel® MID (Intel® CVT for MID)	✓
Audio	2	Intel® 64	✓
Audio	Waves	Intel® OS Guard	✓
Power		Intel® Clear Video	✓
Power	0 - 35 °C	Intel® MID (Intel® CVT for MID)	✓
Power	-40 - 65 °C	Intel® 64	✓

Power		Energy Efficiency	
Power consumption (typical)	2 W	Power consumption (typical) (H-H)	10 - 90%
Power consumption (max)	✓	Power consumption (typical) (R-H)	0 - 95%
Performance		Performance	
Processor	✓	Processor (typical)	-15.2 - 3048 °C.
Processor (typical) (typical)	0.92 MP	Processor (typical) (typical)	-15.2 - 10668 °C.
Processor (typical) (typical)	1280 x 720 pixels	Processor (typical) (typical)	110 G
Processor (typical) (typical)	720p	Processor (typical) (typical)	160 G
Processor HD (typical) (typical)	HD	Processor (typical) (typical)	0.66 G
Connectivity		Connectivity	
Wi-Fi	✓	Processor (typical) (typical)	1.3 G
Processor Wi-Fi *	Wi-Fi 5 (802.11ac)	Processor (typical) (typical)	
Processor Wi-Fi	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Processor (typical) (typical)	EPEAT Silver, Processor (typical) (typical)
Processor (typical) (typical)	✓	Processor (typical) (typical)	
Processor (typical) (typical) (typical)	10,100,1000 Mbit/s	Processor (typical) (typical)	389 °C.
Processor (typical)	✓	Processor (typical) (typical)	274.7 °C.
Processor (typical)		Processor (typical) (typical)	25 °C.
Processor (typical)		Processor (typical) *	2.7 °C.
Storage		Storage	
Processor USB 3.2 Gen 1 (3.1 Gen 1) A *	3	Processor (typical) *	✓
Processor USB 3.2 Gen 2 (3.1 Gen 2) Type-C	1	Processor (typical)	✓
Processor (RJ-45)	1	Processor (typical)	✓
Processor HDMI *	1	Processor (typical)	✓
Processor HDMI	2.0	Processor (typical) (64 °C)	32 GB
Processor (typical) (typical)	✓	Processor (typical) (typical)	✓
Processor DisplayPort (typical) USB-C	✓		

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