



Part No	90NR09L1-M00CS0
Model Name	FX517ZC-HN052
EAN Code	4711081909156
UPC Code	195553909150
Marketing Name	ASUS TUF Dash F15
Color	Moonlight White
Dimension (W x D x H)	35.4 x 25.1 x 1.99 ~ 2.07 cm
Processor	12th Gen Intel® Core™ i5-12450H Processor 2 GHz (12M Cache, up to 4.4 GHz, 8 cores: 4 P-cores and 4 E-cores)
Weight	2.00 Kg
Chipset	N/A
Discrete/Optimus	MUX Switch + Optimus
Graphic	NVIDIA® GeForce RTX™ 3050 Laptop GPU
Graphic Wattage	1550MHz* at 75W (1500MHz Boost Clock+50MHz OC, 60W+15W Dynamic Boost)
Graphic Memory	4GB GDDR6
IGPU	Intel® Iris X® Graphics
Panel Size	15.6-inch
Resolution	FHD (1920 x 1080) 16:9
Refresh Rate	144Hz
Viewing Angle	85/85/85/85
Panel Tech	Value IPS-level
Brightness	250
Contrast	1000:1
NTSC %	45%
SRGB %	62.5%
Adobe %	47.34%
Anti glare	anti-glare display
Adaptive-Sync technology	Adaptive-Sync
Pantone	N/A
Support Dolby Vision HDR	N/A
On board memory	N/A
Memory Slot	2x SO-DIMM slots
Total System Memory	8GB DDR5-4800 SO-DIMM
DIMM Memory	8GB DDR5-4800 SO-DIMM
Memory Max.	32GB
Multi-channel memory technology	Support dual channel memory
System Storage Installed	512GB PCIe® 3.0 NVMe™ M.2 SSD

M.2 slots support either SATA or NVMe	2
M.2 SSD Support List	support PCIe Gen4x4 & Gen3x4
Expansion Slot (includes used)	2x DDR5 SO-DIMM slots
LAN	10/100/1000 Mbps
Wi-Fi/Bluetooth	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth 5.2 (*BT version may change with OS version different.)
I/O Ports	1x RJ45 LAN port 1x Thunderbolt™ 4 support DisplayPort™ 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC 2x USB 3.2 Gen 1 Type-A
Display output	1x HDMI 2.0b
Audio	1x 3.5mm Combo Audio Jack
Webcam	720P HD camera
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard Single Light
NumberPad	N/A
Aura Sync	Yes
Speakers	2-speaker system
Audio Tech	AI noise-canceling technology Dolby Atmos Hi-Res certification
Operating System	No preinstalled OS
Security	Kensington Security Slot™ Trusted Platform Module (Firmware TPM)
Battery	76WHrs, 4S1P, 4-cell Li-ion
Power	ø6.0, 180W AC Adapter, Output: 20V DC, 9A, 180W, Input: 100~240V AC, 50/60Hz universal
Reparability Index (for FR)	6.7

