Brand	
Part No.	90F-1BRK11-A07
SKU Number	
Model Name	Tino 410 BTXP
Brand	MSI
Series	A90
Series Name	Gaming
General Name	Tino A
Processor Brand	Intel A90
Processor Series	Intel A90 BTXP
Model	
Name	Tino A10 BTXP
Item MKT Name	
OS Name	Tino A10 BTXP (AT380)
Series Weight unit	Option
Chassis Color	
Color	0/1/0/0(Cosmos_Gray,Cosmos_Gray,Cosmos_Gray,Cosmos_Gray)
Color_Website	Cosmos_Gray
Chassis Material	
A Side	Metal
B Side	Plastic
C Side	Metal
D Side	Plastic
Display	
Display Size	15.6
Resolution	FHD Level FHD
Pixel	1920x1080
Color Features	45NTSC,sRGB
Display Type	Non-touch
Frame Rate	144Hz
Panel Type	IPS-Type
Panel Type	IPS
Panel Size_Website	15.6"
Pixel Density	FHD(1920x1080)
Frame Rate_Website	144Hz Refresh Rate
Color Panel_Website	N/A
Display Type_Website	IPS-Level
USB Gaud	N/A
Touch Feature_Website	N/A
Brightness	250 nits
CPU	
CPU Type	N/A
CPU Core Name	Ryzen 5
CPU Number	R5-7535HS
CPU Number	Ryzen 5 7535HS
CPU Cores	6 Core
CPU Cores	6/12
CPU Core Name_Website	N/A
CPU Number_Website	AMD Ryzen™ 5 7535HS Processor with AMD XDNA™ architecture
CPU Specification_Website	3 cores, Max Boost Clock 4.55 GHz
Graphics	
Graphics	N/A
Graphic Card_Website	Integrated 3xC
Discrete Graphics	
GPU Vendor	NVIDIA
GPU Name	GeForce RTX 4050
GPU Number	RTX 4050
GPU NMT Name_Website	GEFORCE GeForce RTX™ 4050 Laptop GPU (power adjustable 35 with 25W Dynamic Boost)
GPU Boost Clock_Website	Up to 1470MHz Boost Clock 4050 Maximum Graphics Power with Dynamic Boost. May vary by scenario.
GPU Speed_Website	N/A
Ultra Speed Performance Power	
Processor Power_Website	N/A
Graphics Clock Speed_Website	N/A
Graphics Speed_Website	N/A
Cooling	
Cooling	Cooler Boost
Memory	
Fan Technology	N/A
Fans	2
Fan Connector	N/A
Video Memory	N/A
VRAM Size	
VRAM Type	GDDR6
Integrated Graphics	
GPU Name	AMD Radeon™ 660M
Memory	
Memory Size	16GB
Memory Module	DDR5-4800
Memory Module Speed	DDR5-4800
Memory Ports	N/A
Memory Slot qty_Website	N/A
Memory Slot and Max Capacity	
Memory Max Speed	
Memory Slot	2 Slots
Memory Max Capacity_Website	Max 64GB
Storage	
Storage Interface	PCIe GEN4x4 w/o DRAM/NVMe
SSD Form Factor	M.2 2280 Mkey
SSD Size	512GB*1
SSD Speed	N/A
SSD Type	N/A
SSD Key	N/A
SSD Key	N/A
SSD Type	N/A
SSD Key	N/A
SSD Dev_Website	NVMe Gen3 PCIe Gen4
2.5" HDD_Website	N/A
SSD Speed	N/A
Storage Bay	
HDD NVMe PCIe Gen_Website	1 M.2 SSD slot (NVMe PCIe Gen4)
HDD_Website	N/A
LAN	
LAN_Website	Gigabit Ethernet
LAN	REALTEK RTL8111H GB LAN
Wireless	
Wireless Bluetooth	Y
WLAN/BT_Website	AMD RZ616 Wi-Fi 6E (2x2) and Bluetooth v5.2
Wireless Version	Wi-Fi 6E+BT
Wireless	AMD RZ616 Wi-Fi
Audio	
Audio Line In	N/A
Audio Line Out	N/A
Audio	N/A
Audio and SPDIF	
USB Ports	
Type-C USB3.2 Gen 2 USB (Thunderbolt™4)	N/A
Type-C USB3.1 Gen2 DP (Thunderbolt™4 optional)	N/A
Type-C USB3.2 Gen 2 USB (Thunderbolt™4)	N/A
Type-C USB3.2 Gen2 DP (Thunderbolt™4)	N/A
Type-C USB3.2 Gen2 DP (Thunderbolt™4) with PD charging	N/A
Type-C USB3.1 Gen 2 (DisplayPort)	N/A
Thunderbolt™ 4 (DisplayPort™ Power Delivery 3.0)	N/A
Thunderbolt™ 4 (DisplayPort™ Power Delivery 3.0)	N/A
Thunderbolt(R) 4 (DisplayPort™)	N/A
Thunderbolt™ 4 (DisplayPort™ Power Delivery 3.1)	
Thunderbolt™ (DisplayPort™ Power Delivery 3.0)	N/A
Type-C USB3.2 Gen2 (DisplayPort™ Power Delivery 3.1) (Thunderbolt™ 4)	Yes
Type-C USB3.2 Gen2 (DisplayPort™ Power Delivery 3.0)	Yes
Type-C USB3.1 Gen 2 (DisplayPort™)	Yes
Type-C USB3.2 Gen2 (DisplayPort™)	Yes
Type-C USB3.2 Gen2	N/A
Type-C USB3.2 Gen2	N/A
Type-C USB3.2 Gen2 with PD charging	N/A
Type-C USB3.1 Gen 1	N/A
Type-C USB3.2 Gen 1	N/A
Type-A USB3.1 Gen1	N/A
Type-A USB3.1 Gen1	N/A
Type-A USB3.1 Gen1 QC3.0	N/A
Type-A USB3.1 Gen1 QC3.0	N/A
Type-A USB3.1 Gen1	N/A
Type-A USB3.2 Gen2	N/A
Type-C USB3.1 Gen1	N/A
Type-C USB3.1	N/A
Type-A USB2.0	N/A
Type-A USB2.0	N/A
USB 2 Gen 2 Type-C connector (charging)	N/A
Card Reader	
Card Reader	N/A
Micro SD Card Reader	N/A
Camera	
Camera	N/A
Keyboard	
Keyboard	1 with(MP * 2.1.8M @ 60Hz / bit @ 120Hz)
Keyboard Type	N/A
Keyboard Backlight	N/A
Keyboard	
Keyboard Type_Website	Single Backlit Keyboard (Blue)
Keyboard Size	15inch
Keyboard Quantity	1
Keyboard Backlight	Yes
Keyboard Color	BLACK
Keyboard Language	US Intl
Touchpad	
Touchpad	Yes
KeyCaps	
KeyCaps	Dot type (Wing-grip Key)
KeyCaps_Website	N/A
Audio Port	
Audio Jack_Website	1x Mic-in, 1x headphone-out
Audio	
Audio Speaker	2x2W
Audio Woofer	N/A
Audio Mic	N/A
Audio Solution_Website	Hi-Res Audio Ready,DTS Audio Processing
AC Adapter	
Adapter Output	135W adapter
Battery	3S4P
Adapter Input	85-264Vac
Battery Unit Weight (g)	500
Power Cord Unit Weight (g)	138
Battery	
Battery Type	4CELL,65Wh3P
Battery Cell_Website	3 cell
Battery	4C,2.15Wh
Battery	2900 Min
Battery Life Minutes	120
Operating System	
Operating System	N/A
OS	Free DOS
OS_Website	Free Dos
Comfort PC Certified	N/A
Microsoft Office	
MS Office_Website	N/A
Dimension (WXDXH)	
Dimension	356 x 252 x 21.7 mm
Dimension(inches)_Website	14.0" x 9.9" x 0.85"
Power AC Battery	
Weight	1.85 kg
Weight(lb)_Website	4.3 lbs
Security	
Security Type_Website	Firmware Trusted Platform Module(fTPM) 2.0, Kensington Lock
Certification	
Certification Type_Website	N/A
Certification	
EPEAT_Website	N/A
Warranty	
Warranty_Website	N/A
Warranty Period	N/A
Warranty Description_Website	N/A
Warranty_Website	N/A
Warranty_Website	N/A
Warranty_Website	N/A
Warranty Service	N/A
Warranty	
Warranty	2 Year
Warranty_Website	2 years limited warranty
Xbox Game Pass	
Xbox Game Pass	One month of PC Game Pass
Xbox Game Pass Period	*Terms and bundle offer may vary by model and by country. Please refer to the final specification of the product purchased for Xbox Game Pass pre-installed details.
Accessory	
Accessory_Website	N/A
Accessory	N/A
Other Device	N/A
Manuals	
All Manuals Provided	N/A
Manuals 1_Website	
Manuals 2_Website	
Manuals 3_Website	
Manuals 4_Website	
Manuals 5_Website	
Software	
Software	Nvidia GeForce Experience, MSI App Player, Game Highlights, MSI Companion, Cinnebench, Battery Master, MSI Center, DTS Audio Processing, Smart Auto, AMD Radeon Software
Product	
Product Name	Tino A
Processor Series	Tino A10
Series Name	Gaming
Series Name	Tino A
Processor Series	Tino A10 BTXP
Price Info	
List Price	
Warranty Info	
Warranty	
UPC	
EAN	
EAN	4719337245788