

PORTABLE WORKSTATION PWS



Practical Solution

DIFOSE PWS combines the portability and flexible configuration options with the incredible processing power of workstation-class processors. Featuring an AMD Ryzen Threadripper 3970X up to 32 cores, 64 threads cost effective and powerful **DIFOSE PWS** is ideal for either field or lab usage requiring high performance.



Endless Mobility

Take your workstation performance with you wherever you go with our powerful and compact **DIFOSE PWS** that can handle any task regardless of the complexity and size.



Unique Design

Purpose-built and high-performance **DIFOSE PWS** is designed to provide ease of use and flexibility along with extensive CPU power.





Specifications

- AMD Ryzen Threadripper 3970X (3,70 GHz, 32 Cores, 64 Threads, 128 MB Cache)
- Asus ROG Strix TRX40-XE Gaming AMD TRX40 Motherboard
- GSKILL Trident Z Neo RGB 128GB (4x32GB) DDR4 3600 MHz CL18 RGB RAM
- ASUS GeForce DUAL RTX 2060 EVO OC 6GB GDDR6 GPU
- ST3530C (6 port HDD Docking Unit)
- Xigmatek EN40049 XFP 1350W PSU
- Corsair iCUE H150i Elite Capellix Liquid Cooling System
- Tableau Forensic Universal Bridge T356789iu Write Blocker
- Aluminium Portable Case
- 27-inch LED IPS Monitor
- Touchpad Keyboard + Mouse



MOTHERBOARD	Asus ROG Strix TRX40-XE Gaming AMD TRX40	1 pcs	
CPU	AMD Ryzen Threadripper 3970X (3,70 GHz, 32 Cores, 64 Threads, 128 MB Cache)	1 pcs	
RAM	GSKILL Trident Z Neo RGB 128GB (4x32GB) DDR4 3600 MHz CL18 RGB	4 pcs	
DISPLAY CARD	ASUS GeForce DUAL RTX 2060 EVO OC 6GB GDDR6	1 pcs	
COOLER	Corsair iCUE H150i Elite Capellix Liquid Cooling System	1 pcs	
POWER	Xigmatek EN40049 XFP 1350W Full Range Platinum Full Modular Power Supply	1 pcs	
WRITE BLOCKER	Tableau Forensic Universal Bridge T356789iu	1 pcs	
10GB. ETHERNET	ASUS XG-C100C	1 pcs	
DISPLAY	AOC 27V2Q 27" 75Hz 5ms (HDMI+Display) FreeSync IPS Monitor	1 pcs	
HDD TRAY	ST3530C (3port)	2 pcs	





Asus ROG Strix TRX40-XE Gaming AMD TRX40

Pre-mounted I/O Shield

- BIOS Flashback™ button

Intel® Wi-Fi 6-AX 200

8 x USB 3.2 Gen 2

- 7 x Type-A + 1 x Type-C
- 4 x USB 2.0

Realtek 2.5G Ethernet

Intel® I211-AT Gb Ethernet

- ROG GameFirst V
- Anti-surge LANGuard

Audio Jacks

LiveDash OLED

Multi-GPU SLI / CFX support

- 3 x PCIe 4.0 x16 Safeslots (supports x16/x16/x16 mode)
- 1 x PCIe 4.0 x4 slot

SupremeFX S1220 CODEC

- Dual OP Amps
- Impedance sense for front and rear
- 120dB SNR stereo playback output
- 108dB SNR recording input
- SupremeFX shielding

Sonic Studio III

Sonic Studio Virtual Mixer

Sonic Radar III

DTS® Sound Unbound



ProCool II

- 2 x 4-pin AURA RGB headers
- 2 x 3-pin Addressable Gen2 headers

DDR4 4666+(OC)

- 8 x DIMM Quad Channel

AMD Socket sTRX4 for 3rd Gen Ryzen™ Threadripper™ Desktop Processors

USB 3.2 Gen 2 Type-C

- front panel connector

4 x USB 3.2 Gen 1

- 4 x USB 2.0

3 x M.2 Socket 3 with M Key,

- 2 x Type 2242/2260/2280/22110, storage devices support (PCIe 4.0 x4 mode) from CPU
- 1 x Type 2242/2260/2280/22110 storage device supports (PCIe 4.0 x4 and SATA modes) from Chipset

8 x SATA 6Gb/s

Flexkey

ASUS Node Connector



www.difose.com



info@difose.com



[/difose](https://www.youtube.com/difose)



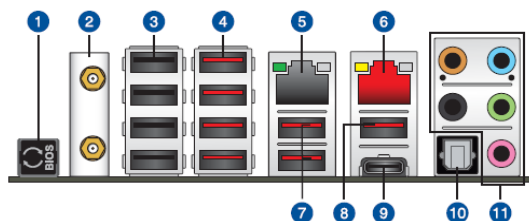
Motherboard Specifications

CPU	Supports CPU up to 64 cores Build in AMD Socket sTRX4 for 3 rd Gen AMD Ryzen™ Threadripper™ Series Desktop Processors * Refer to www.asus.com for CPU support list
Chipset	AMD TRX40
Memory	8 x DIMM, Max. 256GB, DDR4 4666(O.C.)/4600(O.C.)/4400(O.C.)/4333(O.C.)/4266(O.C.)/4133(O.C.)/3800(O.C.)/3733(O.C.)/3466(O.C.)/3400(O.C.)/3200/2800/2666/2400/2133 MHz ECC and non-ECC, Un-buffered Memory Quad Channel Memory Architecture * Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists).
Multi-GPU Support	Supports NVIDIA® 2-Way SLI® Technology Supports AMD 2-Way CrossFireX Technology
Expansion Slots	3 x PCIe 4.0 x16 (x16/x16/x16) 1 x PCIe 4.0 x4 3 rd Gen AMD Ryzen™ Threadripper™ Series Desktop processors
Storage	2 x M.2 Socket 3, with M key, type 2242/2260/2280/22110 storage devices support (PCIe 4.0 x4 mode) 1 x M.2 Socket 3, with vertical M key, type 2242/2260/2280/22110 storage devices support (SATA & PCIe 4.0 x4 mode) 3 rd Gen AMD Ryzen™ Threadripper™ Series Desktop processors : AMD TRX40 chipset : 8 x SATA 6Gb/s port(s), Support Raid 0, 1, 10
LAN	Realtek® RTL8125-CG 2.5G LAN Intel® I211-AT, 1 x Gigabit LAN Controller(s) Anti-surge LANGuard ROG GameFirst V Technology
Wireless Data Network	Wi-Fi 802.11 ax, Bluetooth® 5.0 Supports 2x2 MU-MIMO Intel® Wi-Fi 6 AX200 Supports dual band frequency 2.4/5 GHz Supports channel bandwidth: HT20/HT40/HT80/HT160. Up to 1.73Gbps transfer speed
Bluetooth	Bluetooth® 5.0
USB Ports	4 x USB 3.2 Gen 2 port(s) (4 at back panel, red, 3 x Type-A+1 x Type-C) 3 rd Gen AMD Ryzen™ Threadripper™ Processors : 4 x USB 3.2 Gen 2 port(s) (4 at back panel, red) AMD TRX40 chipset : ASMedia® USB 3.2 Gen 1 controller : 8 x USB 2.0 port(s) 1 x USB 3.2 Gen 2 front panel connector port(s) 4 x USB 3.2 Gen 1 port(s) (4 at mid-board)

Audio	- High quality 120dB SNR stereo playback output 108dB SNR recording input - Supports : Jack-detection, Multi-streaming, Front Panel MIC Jack-retasking ROG SupremeFX 8-Channel High-Definition Audio CODEC S1220 - Dual OP Amplifiers - Supports up to 32-Bit/192kHz playback Audio Feature : - SupremeFX Shielding™ Technology - Sonic Studio III + Sonic Studio Virtual Mixer - DTS® Sound Unbound - Optical S/PDIF out port(s) at back panel - Sonic Radar III
Overclocking Features	ROG Exclusive Software - RAMCache III - CPU-Z - GameFirst V - Overwolf
Special Features	- USB BIOS FlashBack™ - BIOS FlashBack™ Button LiveDash OLED 1.3" - Whole system optimization with a single click! 5-Way Optimization tuning key perfectly consolidates TPU, EPU, DIGI+ Power Control, Fan Xpert 4, and Turbo App together, providing better CPU performance, efficient power saving, precise digital power control, whole system cooling and even tailor your own app usages. 5-Way Optimization by Dual Intelligent Processors 5 Gamer's Guardian: - DRAM Overcurrent Protection - Highly Durable components - Digi+ VRM - SafeSlot - ESD Guards on LAN, Audio, and USB ports AURA : - Aura Lighting Control - Addressable Gen 2 Header ASUS Exclusive Features : - AI Suite 3 - Ai Charger - Pre-mounted I/O Shield - ASUS NODE: hardware control interface ASUS EZ DIY : - ASUS CrashFree BIOS 3 - ASUS EZ Flash 3 ASUS Q-Design : - ASUS Q-LED (CPU, DRAM, VGA, Boot Device LED) - ASUS Q-Slot - ASUS Q-DIMM - ASUS Q-Connector



Back I/O Ports	8 x USB 3.2 Gen 2 (7 x Type-A+1 x Type-C) 1 x USB BIOS FlashBack™ Button(s) 1 x LAN (RJ45) port(s) 4 x USB 2.0 1 x Optical S/PDIF out 5 x Audio jack(s) 1 x Anti-surge 2.5G LAN (RJ45) port
Accessories	1 x Thermal sensor cable pack(s) 1 x pack of cable tie User manual 1 x Vertical M.2 bracket set 4 x SATA 6Gb/s cable(s) 1 x M.2 Screw Package 1 x Supporting DVD 1 x ASUS 2T2R dual band Wi-Fi moving antennas (Wi-Fi 802.11a/b/g/n/ac compliant) 1 x Strix door hanger 1 x ROG Strix stickers 1 x Q-Connector 1 x Extension Cable for RGB strips (80 cm) 1 x Extension cable for Addressable LED 1 x ROG Thank you card



Rear panel connectors	
1.	BIOS FlashBack™ button
2.	Wi-Fi 802.11 a/b/g/n/ac/ax, Bluetooth V5.0
3.	USB 2.0 ports E1234
4.	USB 3.2 Gen 2 Type-A ports 1234
5.	2.5G LAN (RJ-45) port
6.	LAN (RJ-45) port
7.	USB 3.2 Gen 2 Type-A ports 67
8.	USB 3.2 Gen 2 Type-A port 8
9.	USB 3.2 Gen 2 Type-C™ port C9
10.	Optical S/PDIF OUT port
11.	Audio Jacks

Internal I/O	2 x M.2 Socket 1 with M key, type 2242/2260/2280/22110 storage devices support (PCIe 4.0 x4 mode) 1 x M.2 Socket 2 with vertical M key, type 2242/2260/2280/22110 storage devices support (SATA & PCIe 4.0 x4 mode) 1 x Chipset Fan Header 1 x VRM_HS_FAN Header 2 x USB 3.2 Gen 1 (up to 5Gbps) connector(s) support(s) additional 4 USB 3.2 Gen 1 port(s) 1 x USB 3.2 Gen 2 front panel connector 2 x Aura RGB Strip Header 2 x Addressable Gen 2 header(s) 2 x USB 2.0 connector(s) support(s) additional 4 USB 2.0 port(s) 1 x TPM header 8 x SATA 6Gb/s connector(s) 1 x CPU Fan connector(s) 1 x CPU OPT Fan connector(s) 3 x Chassis Fan connector(s) 1 x AIO_PUMP connector 1 x W_PUMP+ connector 1 x 24-pin EATX Power connector(s) 2 x 8-pin ATX 12V Power connector(s) 1 x Front panel audio connector(s) (AAFP) 1 x Thermal sensor connector(s) 1 x Power-on button(s) 1 x Clear CMOS jumper(s) 1 x Node Connector(s) 1 x System panel connector 1 x Speaker connector
BIOS	128 Mb Flash ROM, UEFI AMI BIOS, PnP, WfM2.0, SM BIOS 3.2, ACPI 6.2
Support Disc	Drivers ASUS Utilities EZ Update Anti-virus software (OEM version)
Operating System	Windows® 10 64-bit
Form Factor	ATX Form Factor 12 inch x 9.6 inch (30.5 cm x 24.4 cm)



AMD Ryzen Threadripper 3970X (3,70 GHz, 32 Cores, 64 Threads, 128 MB Cache)



Cores/Threads	32/64
Max Boost**	Up to 4.5 GHz
Total L1 Cache	2MB
Total L2 Cache	16MB
Total L3 Cache	128MB
TDP	280W
PCIe® Version	4.0
Unlocked for Overclocking ⁴	Yes + Precision Boost Overdrive ⁵
Socket	AM4



GSKILL Trident Z Neo RGB 128GB (4x32GB) DDR4 3600 MHz CL18 RGB RAM



Trident Z Neo
DDR4-3600MHz CL18-22-22-42 1.35V 128GB (4x32GB)

Engineered and optimized for full compatibility on the latest AMD Ryzen platforms, Trident Z Neo brings unparalleled memory performance and vibrant RGB lighting to any gaming PC or workstation with latest AMD Ryzen CPUs and AMD DDR4 motherboards.



ASUS GeForce DUAL RTX 2060 EVO OC 6GB GDDR6

Graphic Engine	NVIDIA® GeForce RTX™ 2060
Bus Standard	PCI Express 3.0
OpenGL	OpenGL®4.6
Video Memory	6GB GDDR6
Engine Clock	OC Mode - GPU Boost Clock : 1725 MHz , GPU Base Clock : 1395 MHz Gaming Mode (Default) - GPU Boost Clock : 1695 MHz , GPU Base Clock : 1365 MHz
CUDA Core	1920
Memory Speed	14000 MHz
Memory Interface	192-bit
Resolution	Digital Max Resolution 7680 x 4320
Interface	Yes x 1 (Native DVI-D) Yes x 2 (Native HDMI 2.0b) HDCP Support Yes (2.2)
Maximum Display Support	4
NVlink/ Crossfire Support	No
Software	ASUS GPU Tweak II & Drivers: please download all software from the support site.
Dimensions	9.53 " x 5.12 " x 2.09 " Inch 24.2 x 13 x 5.3 Centimeter
Recommended PSU	500W
Power Connectors	1 x 8-pin
Slot	2.5 Slot





Corsair iCUE H150i Elite Capellix Liquid Cooling System



Cold Plate Material	Copper
Radiator Material	Aluminum
PWM	Yes
CORSAIR iCUE Compatibility	Yes
Radiator Dimensions	397mm x 120mm x 27mm
Fan Dimensions	120mm x 25mm
Fan Speed	2400 RPM
Weight	0.96
Number of Fans	3
Cooling Socket Support	Intel 1200, 1150, 1151, 1155, 1156, 1366, 2011, 2066 AMD AM4, AM3, AM2, sTRX4, sTR4
Lighting	RGB
Radiator Size	360mm
Fan Model	ML RGB Series
Fan Airflow	75 CFM
Fan Static Pressure	4.2 mm-H ₂ O
Noise Level	10 - 37 dBA



Xigmatek EN40049 XFP 1350W PSU



XFP 1350					
AC INPUT	100-240V 15A-8A 50-60Hz				
OUTPUT VOLTAGE	+3.3V	+5V	+12V	-12V	+5VSB
OUTPUT CURRENT	25A	25A	112.5A	0.3A	3A
TOTAL OUTPUT POWER	130W		1350W	3.6W	15W



Tableau Forensic Universal Bridge T356789iu



Description

The Tableau Forensic Universal Bridge is an integrated write-blocker that mounts in a drive bay of a forensic workstation and supports forensic acquisitions of SATA, USB 3.0, PCIe, SAS, FireWire 800, and IDE.

Features

- Mounts in one 5.25" half-height drive bay
- Color LED indicators for "Write Block" or "Read/Write" mode visibility
- USB 3.0 host computer connection
- Two SATA power connectors
- Read/write mode capabilities for all device ports via internal DIP switch.
- Free Tableau firmware updates



ASUS XG-C100C



- **Hyper-fast 10Gbps Networking** – Enjoy up to 10X-faster data-transfer speeds for bandwidth-demanding tasks.
- **Complete Compatibility** – XG-C100C is compatible with current network standards, including 10/5/2.5/1Gbps and 100Mbps, for seamless backward compatibility.
- **Windows and Linux Support**- flexible OS integration with Windows 10/8.1/8/7 and Linux Kernel 4.4/4.2/3.6/3.2.
- **RJ45 Port for Easy Migration** – Easily upgrade to 10Gbps networking using standard copper network cables.
- **Prioritize Your Games** – Built-in Quality-of-Service (QoS) technology lets you prioritize bandwidth and supported gaming packets for a smooth gaming experience.





AOC 27V2Q 27" 75Hz 5ms (HDMI+Display) FreeSync IPS Monitör



Monitor color	Black
Screen size (inch)	27 inch
Resolution	1920x1080
Refresh rate	75Hz
Response time (GtG)	5 ms
Panel Type	IPS
Sync Range	48-75
Sync Technology	FreeSync
Backlight	WLED
Aspect ratio	16:9
Brightness (typical)	250
Contrast (dynamic)	20M:1
Contrast (static)	1000:1
Pixel Pitch	0.3114
Active Screen Area (HxW)	597,888 x 336,312 mm
Viewing angle (CR10)	178/178 °
Display Colors	16.7 Million
Scanning Frequency	30~83KHz(H) 48~76Hz(V)
OSD languages	EN, FR , ES, PT, DE, IT, NL, SE, FI, PL ,CZ, RU, KR, CN (T), CN (S), JP
Hard Glass	3H
Connections	
Signal Input	HDMI 1.4 x 1, DisplayPort 1.2 x 1
Audio output	Headphone out (3,5mm)
Power	
Powersupply	External
Power source	100 - 240V 50/60Hz



ST3530C (2 x 3 ports)



Features

- Internal Hard Drive Backplane Enclosure
- 3 Hot Swap Bay Mobile Rack For 3.5in HDD
- Support SATA III (6 Gbps)
- Triangular Key Lock For Security
- Cooling Fan for Air Flow (60 x 60 x 15 mm rear fan)
- Aluminum Material
- Tool-Less Design for HDD Installation
- PC assembly: Fit 5.25 half-height front bay slot

Specification

General	Brand: UNESTECH Model: ST3530 Material: Aluminum Application: Desktop, Laptop Design: Stylish Products Status: Stock Interface Type: SATA (6GB/s) Max. Sequential Read Speed: 6Gbps Max. Sequential Write Speed: 6Gbps Compatible: Windows XP, Windows 7, Windows Vista, Mac OS, Linux, Windows 98, Windows 98SE, Windows ME, Windows 2000 Color: Black Certificate: CE, FCC
---------	---



Ankara: Ümit Mah. 4281 Sok. Kafkas Sitesi No:6 O6810 Ümitköy/ÇANKAYA

İstanbul: Esentepe Mah. Kelebek Sk. No:2 Marmara Kule Kat:10 D:79 34870 KARTAL



+90 (312) 219 56 16

+90 (216) 771 07 97