

Quad-Strength Graphics power with High Speed Dual Intel® 10G LANs

- First workstation board with dual Intel® 10G LANs (X550-AT2) on board
- 4-Way PCI-E Gen3 x16 link supporting NVidia GeForce SLI® and AMD CrossFireX™ on demand
- 5-Way Optimization by Dual Intelligent Processors 5 – One click, total system optimization
- Ultimate transfer speed : the latest 10Gb/s USB 3.1 type-A and type-C, 32Gbit/s M.2 and U.2
- SafeSlot : reinvented, strengthened PCIe slot utilizes a new insert-molding process for superior retention and shearing resistance

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82%



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Me gusta 0

CPU

Build in Intel® Socket 2011-v3 Core™ i7/Core™ i7 X-Series Processors
 Supports Intel® 14 nm CPU
 Supports Intel® Turbo Boost Max Technology 3.0
 Intel® Socket 2011-v3 for Intel® Xeon® processor E5-1600 v3 product family
 Intel® Socket 2011-v3 for Intel® Xeon® processor E5-2600 v3 product family
 Intel® Socket 2011-v3 for Intel® Xeon® processor E5-1600 v4 product family
 Intel® Socket 2011-v3 for Intel® Xeon® processor E5-2600 v4 product family
 * Refer to www.asus.com for CPU support list
 * The Intel® Turbo Boost Technology 3.0 Support Depends on the CPU types.

Chipset

Intel® X99

Memory

8 x DIMM, Max. 128GB, DDR4 3333(O.C.)/3200(O.C.)/3000(O.C.)/2800(O.C.)
 /2666(O.C.)/2400(O.C.)/2133 MHz Non-ECC, Un-buffered Memory *1
 8 x DIMM, Max. 128GB, DDR4 2400/2133 MHz ECC, Un-buffered Memory *2
 8 x DIMM, Max. 128GB, DDR4 2400/2133 MHz ECC, Register Memory *2
 Quad Channel Memory Architecture
 Supports Intel® Extreme Memory Profile (XMP)
 ** Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists).
 * Hyper DIMM support is subject to the physical characteristics of individual CPUs.

Multi-GPU Support	Supports NVIDIA® 4-Way SLI™ Technology Supports AMD 4-Way CrossFireX Technology
Expansion Slots	7 x PCIe 3.0/2.0 x16 (single x16 or dual x16/x16 or triple x16/x16/x16 or quad x16/x16/x16/x16 or seven x16/x8/x8/x8/x8/x8/x8)
Storage	Intel® X99 chipset : *3 1 x U.2 connector*4, 1 x M.2 x4 Socket 3*4, , with M Key, type 2260/2280 storage devices support (PCIe mode) 10 x SATA 6Gb/s port(s), *5 Intel® Rapid Storage Technology supports*6
LAN	Intel® X550-AT2 10, 2 x Gigabit LAN ports
Audio	Realtek® ALC1150 8-Channel High Definition Audio CODEC featuring Crystal Sound 3 - Supports : Jack-detection, Multi-streaming, Front Panel Jack-retasking - High quality 112 dB SNR stereo playback output (Line-out at rear) and 104 dB SNR stereo playback input (Line-in) Audio Feature : - Absolute Pitch 192kHz/ 24-bit True BD Lossless Sound - DTS Connect - DTS Studio Sound - Optical S/PDIF out port(s) at back panel - BD Audio Layer Content Protection - Dedicated audio PCB layers: Separate layers for left and right channels to guard the quality of the sensitive audio signals - Audio amplifier: Provides the highest-quality sound for headphone and speakers - Premium Japanese-made audio capacitors: Provide warm, natural and immersive sound with exceptional clarity and fidelity - Unique de-pop circuit: Reduces start-up popping noise to audio outputs - Top notch audio sensation delivers according to the audio configuration - Power pre-regulator: Reduces power input noise to ensure consistent performance Separate layer for left and right track, ensuring both sound deliver equal quality
USB Ports	Intel® X99 chipset : 8 x USB 3.1 Gen 1 port(s) (4 at back panel,) Intel® X99 chipset : 4 x USB 2.0/1.1 port(s) (4 at mid-board) ASMedia® USB 3.1 controller : 2 x USB 3.1 Gen 2 port(s) (2 at back panel, , Type-A + USB Type-C™)
Workstation Feature	7 x PCIe x 16 slot(s) ProCool Power Connector ASUS PIKE SAS upgrade kit(Optional)
Special Features	5-Way Optimization by Dual Intelligent Processors 5 - 5-Way Optimization tuning key perfectly consolidates TPU, EPU, DIGI+ VRM, Fan Xpert 4, and Turbo Core App ASUS TPU : - Auto Tuning - GPU Boost ASUS EPU : - EPU ASUS Digital Power Design :

- Industry leading Digital 8 Phase Power Design
- Industry leading Digital 4 Phase DRAM Power Design
- CPU Power Utility
- DRAM Power Utility

ASUS Exclusive Features :

- MemOK!
- AI Suite 3
- Ai Charger+
- ASUS UEFI BIOS EZ Mode featuring friendly graphics user interface
- USB 3.1 Boost
- Disk Unlocker
- Turbo LAN
- Crystal Sound 3

ASUS EZ DIY :

- Precision Tweaker 2
- ASUS O.C. Tuner
- ASUS CrashFree BIOS
- ASUS EZ Flash
- ASUS USB BIOS Flashback
- ASUS UEFI BIOS EZ Mode
- Push Notice

ASUS Q-Design :

- ASUS Q-Code
- ASUS Q-LED (CPU, VGA, Boot Device LED)
- ASUS Q-Slot
- ASUS Q-DIMM
- ASUS Q-Connector

Special Memory O.C. Design

Media Streamer

Turbo APP

M.2 and U.2 Onboard (The Latest Transfer Technology with up to 32Gb/s Data-transfer Speeds for M.2 and U.2)

Back I/O Ports

- 2 x USB 3.1 Type-A + USB Type-C™
- 4 x USB 3.1 Gen 1 (blue)
- 1 x Optical S/PDIF out
- 5 x Audio jack(s)
- 2 x Intel 10G LAN (BASE-T) Ports

Internal I/O Ports

- 1 x RGB Header(s)
- 2 x USB 3.1 Gen 1 connector(s) support(s) additional 4 USB 3.1 Gen 1 port(s) (19-pin)
- 2 x USB 2.0 connector(s) support(s) additional 4 USB 2.0 port(s)
- 1 x M.2 Socket 3 for M Key, type 2260/2280 devices
- 1 x TPM connector(s)
- 10 x SATA 6Gb/s connector(s)
- 1 x CPU Fan connector(s) (1 x 4 -pin)
- 1 x CPU OPT Fan connector(s) (1 x 4 -pin)
- 2 x Chassis Fan connector(s) (4 x -pin)
- 1 x S/PDIF out header(s)
- 2 x 8-pin EATX 12 V Power connector
- 1 x 6-pin EATX 12 V_1 Power connector(s)
- 1 x 24-pin EATX Power connector(s)
- 1 x EZ XMP switch
- 1 x Front panel connector(s)
- 1 x System panel(s) (Q-Connector)
- 1 x DRCT header(s)
- 1 x MemOK! button(s)
- 1 x CPU OV
- 1 x Power-on button(s)
- 1 x Reset button(s)
- 1 x Clear CMOS button(s)

	<p>1 x SLI/CFX switch (2/3-WAY adjustments)</p> <p>1 x USB BIOS Flashback button(s)</p> <p>1 x Water Pump header (4-pin)</p> <p>1 x 3-pin CHASSIS(Chassis intrusion) connector</p> <p>1 x COM port header</p> <p>1 x U.2 Connector (support U.2 NVMe device)</p> <p>1 x High AMP Fan Header</p> <p>1 x T_Sensor Connector</p>
Accessories	<p>User's manual</p> <p>I/O Shield</p> <p>1 x COM port cable(s)</p> <p>10 x SATA 6Gb/s cable(s)</p> <p>1 x Supporting DVD</p> <p>1 x 3-Way SLI bridge(s)</p> <p>1 x 4-Way SLI bridge(s)</p> <p>1 x SLI bridge(s)</p> <p>1 x Q-connector(s) (2 in 1)</p> <p>1 x 2-port USB 2.0 module(s)</p> <p>1 x Extension Cable for RGB strips (80 cm)</p>
BIOS	<p>128 Mb Flash ROM, UEFI AMI BIOS, PnP, DMI2.7, WfM2.0, SM BIOS 2.7, ACPI 5.0, Multi-language BIOS, ASUS EZ Flash 2, CrashFree BIOS 3, F11 EZ Tuning Wizard, F6 Qfan Control, F3 My Favorites, Quick Note, Last Modified log, F12 PrintScreen, F3 Shortcut functions and ASUS DRAM SPD (Serial Presence Detect) memory information.</p>
Manageability	<p>WfM 2.0, DMI 2.7, WOL by PME, PXE</p>
Support Disc	<p>Drivers, ASUS Utilities, EZ Update, Anti-virus software (OEM version)</p>
Operating System	<p>Windows® 10</p> <p>Windows® 8.1 64-bit</p> <p>Windows® 7 64-bit</p>
Form Factor	<p>CEB Form Factor</p> <p>12 inch x 10.5 inch (30.5 cm x 26.7 cm)</p>
Environment	<p>Operation temperature: 10°C ~ 35°C</p> <p>Non operation temperature: -40°C ~ 70°C</p> <p>Non operation humidity: 20% ~ 90% (Non condensing)</p>
Note	<p>*1 When installing Intel® Socket 2011-v3 Core™ i7/i7 X-Series Processors</p> <p>*2 When installing Intel® Xeon® E5-2600/1600 v4/v3 Processor</p> <p>*3 Intel® X99 Express Chipset with RAID 0, 1, 5, 10 and Intel Rapid Storage Technology 14 support</p> <p>*4 Support on 40 Lane CPU</p> <p>*5 10 x SATA 6.0 Gb/s ports* (6 x gray, 4 x black)</p> <p>*6 These functions will work depending on the CPU installed</p>