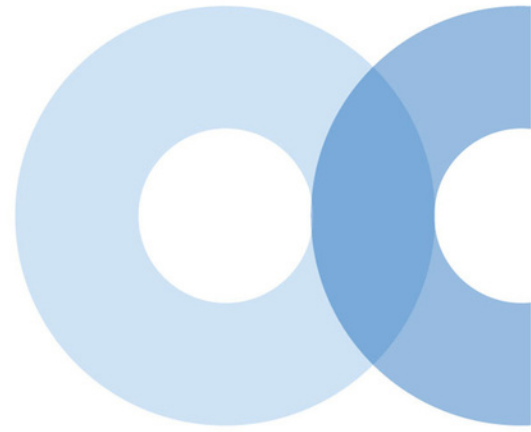




AROO Product Guide

We build **technology** with you **in mind**



**We will do everything in our power
to meet your every request,**

and we are committed to helping each other grow.

"AROO" is a quote from the owner of an izakaya in the classic Japanese drama **"HERO."** It means **"Here you go"** in English.

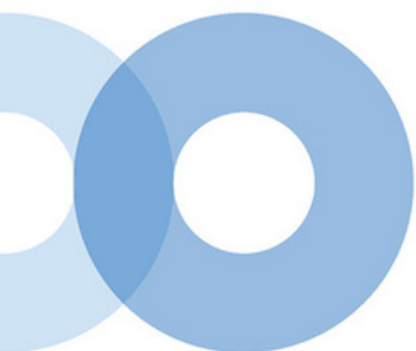
Whenever he says the word "AROO,"

it embodies his unwavering commitment to promptly resolving any problem brought to him by his customers.

We aim to be like him and give you the same great service.

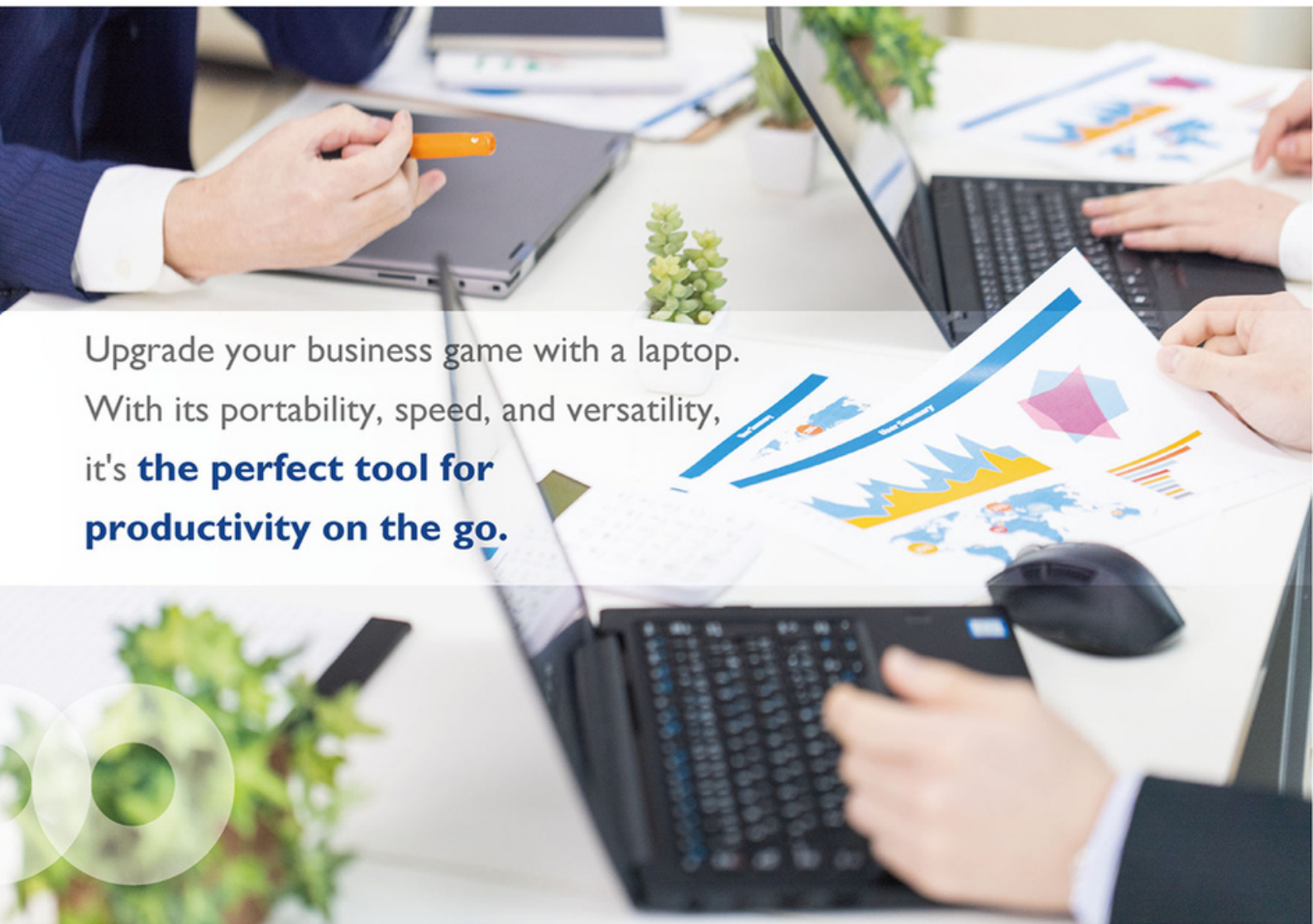
As your partner, we promise to walk with you every step of the way, offering efficient solutions and kind companionship.

Let's work towards a better future together.





Boost Your Business with Our High-Performance Laptops.



Upgrade your business game with a laptop. With its portability, speed, and versatility, it's **the perfect tool for productivity on the go.**

From crunching numbers to crafting presentations, **a laptop can handle all your business needs.**

Stay connected with colleagues and clients with ease and work from anywhere, whether it's a coffee shop or a conference room.

Take your business to the next level with a laptop and **make the most out of every workday.**



TTS-NI23B00I



Operating System	Windows 10/ 11 ready
Processor	Intel® Celeron® J4125 Processor
Memory	DDR4 8GB
Storage	M.2 SSD 128/256/512/1024GB
Display	12.3" 2680*1920 IPS high brightness
Camera	Front-facing camera 2.0MP
Network and Communication	802.11 b/g/n/ac Wi-Fi 5/ Bluetooth 4.0
I/O Ports	4 x USB Type-C 1 x HDMI 1 x MIC/Audio Port 1 x TF Card
Battery	3500mAh
Power Supply	Output:12V DC/2A, 24W Input: 100~240V AC 50/60Hz
Dimensions (W x D x H)	128*128*39.7mm
Weight	0.85kg



TTS-NI40M



Operating System	Windows 11 Home
Processor	Intel® Core™ Alder Lake-P i5-1235U Processor
Memory	DDR4 8GB (2600MHz)
Storage	M.2 2280 PCIe SSD/512GB (NVMe)
Display	14" 1920*1200 ,IPS
Camera	1.0MP
Network and Communication	WiFi 802.11ax /ac /a /b/g/n (Intel AX201) Bluetooth 5.1
I/O Ports	2 x USB 3.2 Gen 1 Type-A 1 x Micro SD slot 1 x 3.5mm standard headphone jack 2 x Built-in stereo speakers 4Ω/1.5W 1 x HDMI(2.0b) USB Type-C 2 (PD+DP+Data) Built-in D-MIC in Camera Module
Battery	6600mAh
Power Supply	Output:20V DC, 2.25A, 45W Input: 100~240V AC 50/60Hz
Dimensions (W x D x H)	311.6*217.8*15.6mm



TTS-NI40TW



Operating System	Windows 10/ 11
Processor	Intel® Core™ i5-1035G1/ i7-1065G7 Processors
Memory	LPDDR4X 8GB
Storage	M.2 SSD *2 (PCIe*1+SATA*1)/512GB NVMe SSD
Display	14"1920*1080 ,IPS Intel Iris Xe Plus Graphics
Camera	1.0M
Network and Communication	WiFi 802.11ac /a /b/g/n Bluetooth 4.2
I/O Ports	1 x USB 3.1 Gen 2* 2 x USB 3.1 Gen 1* 1 x Micro SD scard (up to128GB) 1 x 3.5mm standard headphone jack 2 x Built-in stereo speakers 8Ω/1.0W*2 1 x HDMI Type-A 1 x USB-C (full function)
Battery	4800mAh
Power Supply	Output: 19V DC, 3A, 60W Input: 100~240V AC 50/60Hz
Dimensions (W x D x H)	322.5*217*17.1mm
Weight	1.35kg



TTS-NI56A00I



Operating System	Windows 10/ 11
Processor	Intel® Celeron® N5095 Processor
Memory	LPDDR4 2933MHz 12G
Storage	M.2 2280 B-key SSD 7mmSATA HDD
Display	15.6" 1920*1080
Camera	0.3M
Network and Communication	WiFi 802.11ac/b/g/n IEEE 802.11ac 2.4、5GHz Bluetooth 4.2
I/O Ports	3 x USB 3.0 Type A port 1 x 3.5mm standard headphone jack 2 x Built-in stereo speakers 8R/1.0W 1 x mini HDMI 1 x Type-C Thunder bolt 3.0 DP IN For screen projection only (optional)
Battery	5000mAh
Power Supply	Output:12V DC, 3A, 45W Input: 100~240V AC 50/60Hz*
Dimensions (W x D x H)	357*225*21.3mm
Weight	1.5kg



TTS-NI60A004



Operating System	Windows 10
Processor	Intel® Core™ i7-10850H Processor
Memory	DDR4-2666MHz
Storage	M.2 2280 B-key SSD M.2 2280 M/B-key SSD
Display	Double screen 16" +14" Intel® UHD Graphics for 10th Gen Intel® Processors & PCI-EXPRESS Slot External graphics card docking station(Optional) 1920*1200
Camera	1.0M
Network and Communication	WiFi 802.11ac /a /b/g/n Bluetooth 4.2
I/O Ports	3 x USB3.0 1 x 3.5mm standard headphone jack 2 x Built-in stereo speakers 8R/1.0W 1 x Digital microphone 1 x HDMI 1 x USB-C (TYPE-C only)
Battery	5000mAh
Power Supply	Output: 19V DC, 3.42A, 65W Input: 100~240V AC 50/60Hz
Dimensions (W x D x H)	356.8*247.2*28.6mm
Weight	2.5kg



TTS-NI61A006



Operating System	Windows 10/11
Processor	Intel® Core™ i7-12700H
Memory	2*SO-DIMM slot / DDR4/DDR5 up to 64GB
Storage	2*M.2 2280 SSD / 2 slots M.2 2280 PCIe 4.0
Display	16.1" 2.5K 2560*1600
Camera	HD webcam with D-MIC*2
Network and Communication	WiFi 6 / Bluetooth5.0
I/O Ports	2 x USB3.1 1 x USB2.0 1 x 3.5mm standard headphone jack 2 x Built-in stereo speakers 8R/1.0W 1 x Digital microphone 1 x HDMI (Support 4K 24HZ) 2 x Type-C (FULL FUNCTION) Support PD power supply 90W
Battery	6065mAh
Power Supply	Output: 19V DC, 4.5A, 90W, Input: 100~240V AC 50/60Hz
Dimensions (W x D x H)	357*242*19mm
Weight	2kg



TTS-NI56TW



Operating System	Windows 11 Home
Processor	Intel® Core™ Tiger Lake i3-1115G4/ i5-1135G7/ i7-1165G7 Processors
Memory	LPDDR5 8GB
Storage	2* M.2 SSD slot (1*NVMe PCIe+1*SATA) 512GB NVMe SSD
Display	15.6" 1920*1080 ,IPS Intel UHD Graphics for 11th Gen Intel® Processor
Camera	Front / 2.0 MP
Network and Communication	WiFi 6 /Bluetooth 5.1
I/O Ports	1 x LAN 3 x USB 3.1 Gen 1* 1 x Micro SD Card Reader 1 x 3.5mm standard headphone jack 2 x Built-in stereo speakers 8Ω/1.0W 1 x HDMI 1 x USB Type 1 x full function(Data+DP+Charging)
Battery	6500mAh
Power Supply	Output:12V DC, 3A, 45W Input: 100~240V AC 50/60Hz
Dimensions (W x D x H)	358.5*233.4*17.1mm
Weight	1.55kg



Fun for the Whole Family

Mini PC Entertainment Center



Looking to take your home entertainment to the next level?

A Mini PC is the answer.

With its powerful streaming capabilities, sleek design, and affordability, it's the perfect addition to any family's entertainment setup.

Stream your favorite movies, TV shows, and music with ease and enjoy high-quality picture and sound for an immersive experience.

Upgrade your family's entertainment game today with a mini computer.

TTS-B110



CPU	Intel® Core™ i5-1135G7 / i7-1165G7 Processors
Memory	2xSO-DIMMDDR4-16GB (up to 64GB)
Storage	256GB (M.2 2281 SATA)
Wireless Data Network	m.2 PCIe Wi-Fi module port
I/O Ports	1 x Micro SD Slot 1 x LAN 2 x USB 2.0 2 x USB 3.2 Gen 1 1 x TF Card reader 1 x Audio Jack 1 x HDMI 1 x DP
OS Support	Windows 10/ 11 Home/Pro/IOT
Dimensions(mm)	128*128*39.7mm

TTS-MCC002



CPU	Rockchip RK3399 Processor
Memory	LPDDR4 2GB/4GB (onboard)
Storage	16GB/32GB/64GB/128GB
Wireless Data Network	WIFI 802.11a/b/g/n/ac 2.4G+5G Built-in BT4.2Built-in
I/O Ports	1 x Micro SD Card Reader 1 x USB3.0 2 x USB2.0 1 x COM Port 1 x HDMI 1 x DP 1 x VGA (Optional) 1 x 3.5mm Phone Jack (2 in 1)
OS Support	Windows 10/ 11 Home/Pro/IOT
Dimensions(mm)	128*128*39.7mm

TTS-MCF003



CPU	Intel® Celeron® N5105 Processor Intel® Pentium® Silver N6005 Processor Intel® Alder lake-N N95/N100/N200/N300 Processors
Memory	2 x SODIMM DDR4 Max 32GB 1 x SODIMM DDR4 Max 32GB
Storage	1 x M.2 2280 SATA/NVME SSD)
Wireless Data Network	M.2 PCIe Slot
I/O Ports	2 x RJ45 LAN 4 x USB3.0 1 x Micro SD 1 x MIC IN / 1 x Line out 1 x VGA OR COM232 1 x HDMI 2.0 1 x DP 1 x DC IN
OS Support	Windows 11 / Linux
Dimensions(mm)	123*123*45mm

TTS-MDF004



CPU	Intel® Celeron® N5105 Processor Intel® Alder lake-N Processor N95/N100/N200/N300 Processors
Memory	LPDDR4 8GB onboard LPDDR5 4GB/8GB onboard
Storage	1 x M.2 2242 SATA/NVME SSD
Wireless Data Network	M.2 PCIe Slot (Interface)
I/O Ports	1 x LAN (RJ45) 3 x USB3.0 1 x Micro SD Card Reader 1 x Kenstong Lock 1 x 3.5mm Combo Audio/MIC 2 x HDMI2.0 1 x Type-C
OS Support	Windows 11 / Linux
Dimensions(mm)	72*72*45mm

Mini PC



TTS-MBA001



CPU	Intel Gemini Lake J4125, up to 2.70GHz / N4000/N5000 optional Intel® UHD Graphics 600 , (up to 750MHz)
Memory	LPDDR4 * up to 8GB
Storage	M.2 SSD 2242 eMMC, up to 128GB
Wireless Data Network	Intel AC9461/2.4G/5G,WiFi 802.11ac/a/b/g/n Intel AC9461/BT5.0
I/O Ports	2 x USB 3.0 2 x Micro SD Card Reader,Max to 128GB 1 x Audio Jack 1 x HDMI 1.4 1 x Type-C USB (Power only)
OS Support	Windows 10
Dimensions(mm)	62*62*42mm



TTS-MCA004



CPU	Intel ® Tiger Lake Processor i3-1115G4
Memory	LPDDR4 8G
Storage	EMMC 128GB
Wireless Data Network	WIFI 6, IEEE 802.11b/g/n/ac, BT5.0
I/O Ports	2 X USB 3.2 (Type A) 2 X 2.5G LAN(RJ45) 1 X Type-C-Thunderbolt 3 1 X DP 1 X HDMI 1 X Audio Jack 1 x Type-C (Optional)
OS Support	Windows 11



TTS-MCA005



CPU	Intel ® Gemini Lake Refresh N4020/ GPU:Intel®UHDGraphics 600
Memory	LPDDR4 8G
Storage	EMMC 128GB
Wireless Data Network	WIFI 6, IEEE 802.11b/g/n/ac, BT5.0
I/O Ports	1 x LAN 2 x USB 3.1 (Type-A) 2 x USB 2.0 (Type-A) 1x Audio Jack 1 x VGA 2 x HDMI 2.0 1 x Type-C (Optional)
OS Support	Windows 10/11
Dimensions(mm)	125*112*46.7





Revolutionize Education with Interactive **Tablet Technology**



Bring education to life with a tablet.

With its interactive features, portability, and versatility, it's the perfect tool for modern learning.

From virtual field trips to interactive textbooks, a tablet can enhance the learning experience and make it more engaging and fun. Plus, it's lightweight and easy to carry, so students can take it with them wherever they go. Give your child the gift of technology and watch their

love for learning grow with a tablet.

Tablet



TTS-TI26C004



CPU	Intel Core Alder Lake-N N95/N100/N200/N300/N305
OS	Windows 11 Home/ Pro
Display	12.6" 2880*1920 IPS +Full Lamination Technology
Touch	10-point touch, GFF
RAM	Up to 12GB LPDDR5
ROM	M.2 2242 PCIe 4.0 4X SSDx1 (up to 2TB)
Camera	Front: 5.0MP, Rear:8MP Dual D-MIC
4G LTE/GPS	Support
Battery	11.55V/4850mAh
WIFI/BT	Wi-Fi 6/ Bluetooth 4.2
I/O port	2 x USB-Type C (PD+DP) Micro SD slot Micro HDMI DC IN-40W PD Charger MIC/Audio port



TTS-TI26C003



CPU	Intel Celeron N5100 Quad-Core up to 2.8GHz (Jasper Lake)
OS	Windows 11 Home/ Pro
Display	12.6-inch 2560*1600 AMOLED +Full Lamination Technology
Touch	10-point touch, G+FF
RAM	8GB LPDDR4
ROM	eMMC or PCIe/SATA SSDx1 (128GB/256GB/512GB)
Camera	Front: 1MP, Rear:5MP, Dual MIC
4G LTE/GPS	Support
Battery	7.6WH/3500mAh
WIFI/BT	Wi-Fi 5/ Bluetooth 4.2/5.1
I/O port	2 x USB-Type C(full function) Micro SD slot DC IN-30W PD Charger (12V/2.5A) MIC/Audio port



TTS-T080A004

CPU	MT8768, Octa core up to 2.3GHz, Cortex-A53*8
OS	Android 13
Display	8" 800*1280 IPS
Touch	5 point capacitive, G+G
RAM	3GB DDR
ROM	32GB EMMC
Camera	Front: 2.0MP, Rear:500W
4G LTE/GPS	Support
Battery	3.8V/4000mAh
WIFI/BT	Wi-Fi 5/ Bluetooth 5.0
I/O port	Support Felica, Reading Distance:3-5cm USB-Type C (Data+Charging) Micro SD slot SIM card slot MIC/Audio port



TTS-EI003



CPU	MT8768 Octa-Core Cortex-A53 1.8-2.3GHz 3.3GHz-4.4GHz
OS	Android 12
Display	10.1" Capacitive multi-touch panel 1920*1200 IPS + GFF Full Lamination Technology
Touch	10-touch (Stylus is not support)
RAM	4GB LPDDR4
ROM	128GB eMMC
Camera	Front: 5MP, Rear:13MP
4G LTE/GPS	Support
Battery	3.7V/5000mAh
WIFI/BT	Wi-Fi 5/ Bluetooth 5.0
I/O port	USB-Type C Micro SD slot Dual SIM card slot MIC/Audio port



TTS-WI33T



CPU	Intel Core TigerLake i3-1115G4/i5-1135G7/i7-1165G7 (TDP 15W)
OS	Windows 11 Home / Windows 11 Pro
Display	13.3" 2560*1600 IPS, GFF full lamination
Touch	GFF 10-touch
RAM	8GB LPDDR4X
ROM	256GB 1*M.2 2280 (SATA)
Camera	Front: 5.0MP (LED white light), Rear:5MP
4G LTE/GPS	Support
Battery	7.6V/5000mAh
WIFI/BT	Wi-Fi 6/ Bluetooth 5.0
I/O port	2 x USB-Type C (full function) 1 x USB-A Micro SD slot Micro HDMI MIC/Audio port



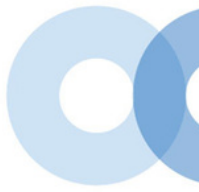
TTS-SI03



CPU	MT8768T, 4xA53 1.8GHZ+4*A53 2.3GHZ 64 position
OS	Android 11
Display	10.36-inch 1200*2000 IPS+Full Lamination
Touch	G+G 5 Point touch
RAM	4GB LPDDR4
ROM	64GB EMMC
Camera	Front: 5MP, Rear:13MP
4G LTE/GPS	Support
Battery	3.8V/8000mAh
WIFI/BT	Wi-Fi 5/ Bluetooth 5.0
I/O port	USB-Type C Micro SD slot Docking(Optional) MIC/Audio port



Expand Your Possibility with Docking



Unlock your laptop's potential with a docking station. With its multiple ports and expansion capabilities, it's the perfect tool to enhance your productivity.

Connect multiple displays, peripherals, and external storage devices with ease and expand your laptop's functionality.

Plus, it's lightweight and portable, making it a great option for professionals who are always on the go. Upgrade your laptop experience with a docking station and unleash your creativity and

productivity like never before.

Dock



TTS-B70IQ001



Description	TBT3 Mini Dock 2
Max. Displays	2x 4K60
Thunderbolt Upstream	1x
Legacy Video Port	2x HDMI2.0
USB Downstream	3x USB-A 10G
LAN	1GbE
PD	PD 60W Passthrough
Power Supply	Bus Power 15W (5V3A) / Self Power (PD charger)
Tethered cable length	70cm



TTS-B50IQ005



Description	Quad 4K Display Dock
Total Ports	14
Max. Displays	4x Displays
Max. resolution	4x4K60, 4x4K120
Video ports	4xDP
USB-C UFP	USB 10G
USB DFP	"1x USB-C 10G (PD20W) 4x USB-A 5G (1xBC1.2)"
SD Card	1xSD4.0
LAN	1GbE
Audio in/out	2x3.5mm TRS (HS/MIC)
PD	PD96W



TTS-B80IQ003



Description	TBT4 dock Pro
Max. Displays	1x 8K30 / 2x 4K60
Thunderbolt Upstream	1x
Thunderbolt Downstream	2x
Legacy Video Port	1x HDMI 2.1
USB Downstream	4x USB-A 10G
SD Card Reader	1xSD4.0
Audio in/out	1x3.5mm TRRS
LAN	2.5GbE
PD	PD 96W
Power Supply	DC 135W



TTS-BI30Q004



Description	Triple 4K Display Dock
Total Ports	13
Max. Displays	3x Displays
Max. resolution	3x4K60
Video ports	3x DP/HDMI
USB-C UFP	USB 10G
USB DFP	1x USB-C 10G (PD20W) 4x USB-A 5G (1xBC1.2)
SD Card	1xSD4.0
LAN	1GbE
Audio in/out	2x3.5mm TRS (HS/MIC)
PD	PD96W



TTS-BLANQ001



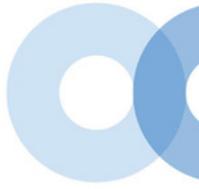
Description	USB-C to 2.5G Ethernet Adapter
USB Upstream	USB-C 5G
Ethernet	2.5GbE
Power Mode	Bus Power
Wake On LAN	Yes
MAC Clone	Yes
Compatibility	Windows/Mac/Linux



TTS-BLANQ002



Description	USB-A to 2.5G Ethernet Adapter
USB Upstream	USB-A 5G
Ethernet	2.5GbE
Power Mode	Bus Power
Wake On LAN	Yes
MAC Clone	Yes
Compatibility	Windows/Mac/Linux



Power Up On-The-Go

Explore **Convenient Portable Device**

Discover our selection of convenient and reliable portable devices designed to keep you connected and powered up on-the-go.



From power banks to charging cables, our portable accessories are perfect for travel, outdoor activities, or just everyday use.

Stay connected and powered up

wherever you go with our range of portable devices.

Power Bank



TTS-MINI 4



Capacity	10000mAh
Input USB-C	5V/3A, 9V/2A, 12V/1.5A
Output USB-A1	5V/4.5A, 4.5V/5A, 5V/3A, 9V/2A, 12V/1.5A
Output USB-A2	5V/4.5A, 4.5V/5A, 5V/3A, 9V/2A, 12V/1.5A
Output USB-C	PD3.0 5V/3A, 9V/2.2A, 12V/1.5A
Total output	5V/3A
Weight	221g
Dimensions	122*53*24.5mm
Color	Black/White



TTS-MINI 4 PRO



Capacity	15000mAh
Input USB-C	5V/3A, 9V/2A, 12V/1.5A
Output USB-A1	5V/4.5A, 4.5V/5A, 5V/3A, 9V/2A, 12V/1.5A
Output USB-A2	5V/4.5A, 4.5V/5A, 5V/3A, 9V/2A, 12V/1.5A
Output USB-C	PD3.0 5V/3A, 9V/2.2A, 12V/1.5A
Total output	5V/3A
Weight	297.2g
Dimensions	122*53*34mm
Color	Black/White



TTS-J136W



Capacity	10000mAh
Input USB-C	5V/3A, 9V/2A
Output USB-A1	PD 5V/3A 9V/2A 12V/1.5A
Output USB-C	PD 5V/3A, 9V/2A, 12V/1.5A
Total output	18W
Weight	314.1g
Dimensions	146*71*20mm
Color	Black



TTS-Y72



Capacity	88wh/ 24000mAh
Input USB-C	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A*
Output USB-A1	5V/3A, 5V/4.5A/, 9V/2A,12V/1.5A*
Output USB-C	5V/3A, 9V/3A,12V/3A, 15V/3A, 20V/5A
Total output	65W+18W
Weight	528G
Dimensions	44*145*57mm
Color	Black



TTS-J141-I0K



Capacity	10000mAh
Input USB-C	5V/2A, 9V/2A;
Output USB-A1	5V/3A, 5V/4.5A, 4.5V/5A, 9V/2A, 12V/1.5A*
Output USB-A2	5V/3A, 5V/4.5A, 4.5V/5A, 9V/2A, 12V/1.5A*
Output USB-C	PD3.0 5V/3A, 9V/2.2A, 12V/1.67A
Total output	5V/3A
Weight	201.3g
Dimensions	139*69*15.5mm
Color	Black/White

Charger

TTS-A005



Input	AC100/240V 50/60Hz 2.8A max
USB/C1 output	PD3.1 (5V3A/9V3A/12V3A/15V3A/20V5A/28V5A, Max140W)
USB/C2 output	PD3.1 (5V3A/9V3A/12V3A/15V3A/20V5A/28V5A, Max140W)
USB/A output	QC3.0 (5V3A/9V2A/12V1.5A Max18W)
Port	1 x USB/A / 2 x USB/C
Plug	US
Dimensions	80*80*32mm
Color	Grey

TTS-C600M001



Input	100/240V 50/60Hz
USB/C1 output	PD3.0 Output Power,5V/2A, 9V/1.5A, 12V/2.6A, 15V/2.6A, 20V/3A
Port	1 x USB/C
Plug	US
Dimensions	60.2*60.2*30.2mm
Color	White/Black

TTS-C650P003



Input	110Vac~240Vac / 240Vac50 /60Hz60Hz1.5A Max
USB/C1 output	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A
USB/C2 output	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A
USB/A output	5V/2A, Max.3.25 A
Port	1 x USB/A, 2 x USB/C
Plug	US/JP
Dimensions	55*55*27mm
Color	White/Black

TTS-OP65



Input	AC 180/240V~50HZ 1A
USB/C1 output	5V/3A, 9V/3A, 10V/4A
Port	1 x USB/A
Plug	US
Dimensions	71.5*56*32mm
Color	Black

TTS-UI65



Input	AC 100/240V~50/60HZ 1.5A(MAX)
USB/A output	5V/3A,9V/2A,10V/2.25A,12V/1.88A
Port	1 x USB/A
Plug	US
Dimensions	51*51*28mm
Color	Black

TTS-UI70



Input	AC 100/240V~50/60HZ 1.5A (MAX)
USB/C1 output	5V/3A, 9V/2.77A, 12V/2.5A, 15V/2A,20V/1.65A
Port	1 x USB/C
Plug	US
Dimensions	32*31*31mm
Color	White/Black



TTS-FENG 3S



Dimensions	1.2 M
Interface Configuration	Lighting + Type C + Micro USB Cable
Maximum current	5A



TTS-FLASH C



Dimensions	1 M
Interface Configuration	Lighting Cable
Maximum current	5A



TTS-IPD01



Dimensions	1 M
Interface Configuration	Lighting to Type C PD Cable
Maximum current	5A



TTS-POLEA



Dimensions	1 M
Interface Configuration	Fast Charging Cable
Maximum current	5A



TTS-POLEM



Dimensions	1 M
Interface Configuration	Flash Charging Cable
Maximum current	5A



TTS-S-CB-ACTE-010



Dimensions	1 M
Interface Configuration	USB-A to USB-C Cable



TTS-S-CB-CLNA-012



Dimensions	1.2 M
Interface Configuration	USB-C to Lightning USB Cable



TTS-SPEED A



Dimensions	1 M
Interface Configuration	Lightning Cable
Maximum current	5A



TTS-SPEED C



Dimensions	1 M
Interface Configuration	USB-C Cable
Maximum current	5A



TTS-SPEED M



Dimensions	1 M
Interface Configuration	Micro USB Cable
Maximum current	5A



TTS-TKCB 171



Dimensions	1 M
Interface Configuration	USB C to Lightning Cable
Maximum current	3A



TTS-FLASH C



Dimensions	2 M
Interface Configuration	USB-C Cable
Maximum current	5A



Experience **Next-Level Computing** for Your Business

Power up your business with a server. With its processing power and scalability, it's the perfect solution for high-level computations and data management.



A server can handle complex algorithms and store vast amounts of data, making it a vital tool for businesses in fields such as finance, healthcare, and technology. Plus, it can be easily upgraded to keep up with the growth of your business. Invest in a server and take your business to the **next level with its cutting-edge capabilities.**

AROO Server TTS-EI1N001



Form Factor	1U Rackmount Enclosure: 437 x 43 x 739mm (17.2" x 1.7" x 29.1") Package: 605 x 203 x 950mm (23.81" x 7.99" x 37.4")
Processor	3rd Gen Intel® Xeon® Scalable processors Dual Socket LGA-4189 (Socket P+) supported TDP up to 270W; 3 UPI (Certain CPUs with high TDP may be supported only under specific conditions. Please contact Supermicro Technical Support for additional information about specialized system optimization)
Drive Bays	12x 2.5" hot-swap NVMe/SATA/SAS drive bays (12x 2.5" NVMe hybrid) (SAS/NVMe support requires additional parts. Please see the Optional Parts list.)
Expansion Slots	1 PCIe 4.0 x16 Internal LP slot(s) 1 PCIe 4.0 x16 LP slot(s) 2 PCIe 4.0 x16 FH, 10.5" L slot(s)
On-Board Devices	SATA: SATA3 (6Gbps) via Intel® PCH 621A; RAID 0/1/5/10 support NVMe: NVMe (16GT/s); RAID 0/1/5/10 support Chipset: Intel® C621A Network Connectivity: 2x 10GbE BaseT with Intel® X710-AT2 (optional) OR 2x 10GbE BaseT and 2x 10GbE SFP+ with Intel® X710-TM4 (optional) No NIC option supported IPMI: Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Input / Output	LAN: 1 RJ45 Dedicated BMC LAN port USB: 3 USB 3.0 port(s) (2 rear; 1 front) Video: 1 VGA port(s) Serial Port: 1 COM Port(s) (1 rear) DOM: 2 SuperDOM (Disk on Module) port
System Cooling	8x 4cm heavy duty fan(s)
Power Supply	200W Redundant Power Supplies with PMBus Dimension (W x H x L): 73.5 x 40 x 203 mm Output Type: AC-Input
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
Management	SuperDoctor® 5; Watch Dog; NMI; SUM; KVM with dedicated LAN; Intel® Node Manager; IPMI 2.0; Redfish API; Supermicro Out of Band (OOB) License (Included with Server)
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory 7 +1 Phase-switching voltage regulator FAN: Fans with tachometer monitoring Status monitor for speed control Pulse Width Modulated (PWM) fan connectors Temperature: Monitoring for CPU and chassis environment Thermal Control for fan connectors
Dimensions and Weight	Height: 1.7" (43 mm) Width: 17.2" (437 mm) Depth: 29.1" (739 mm) Gross Weight: 41 lbs (18.6 kg) Net Weight: 26.5 lbs (12.2 kg) Packaging: 7.99" (H) x 23.81" (W) x 37.4" (D) Available Color: Black Front & Silver Body
Operating Environment	Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) Non-operating Temperature: -40°C to 60°C (-40°F to 140°F) O perating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)
Motherboard	Super X12DPU-6
Chassis	CSE-119UH3TS-R1K22D-T

AROO Server TTS-EI2N001



Form Factor	2U Rackmount Enclosure: 437 x 89 x 717.2mm (17.2" x 3.5" x 28.2") Package: 625 x 253 x 1154mm (24.6" x 9.96" x 45.43")
Processor	3rd Gen Intel® Xeon® Scalable processors Dual Socket LGA-4189 (Socket P+) supported TDP up to 270W; 3 UPI (Certain CPUs with high TDP may be supported only under specific conditions. Please contact Supermicro Technical Support for additional information about specialized system optimization)
Drive Bays	24x 2.5" hot-swap NVMe/SATA/SAS drive bays (22x 2.5" NVMe hybrid) (SAS/NVMe support requires additional parts. Please see the Optional Parts list.)
Expansion Slots	1 PCIe 4.0 x16 FH, 10.5" L slot(s) 5 PCIe 4.0 x8 FH, 10.5" L slot(s) 1 PCIe 4.0 x8 Internal LP slot(s) 1 PCIe 4.0 x16 LP slot(s) Note: Optional RSC-W2-66G4 enables PCIe x16 in slots 5, 7. Slots 6, 8 will be disabled.
On-Board Devices	SATA: SATA3 (6Gbps) via Intel® PCH 621A; RAID 0/1/5/10 support NVMe: NVMe (16GT/s); RAID 0/1/5/10 support Chipset: Intel® C621A Network Connectivity: 2x 10GbE BaseT with Intel® X710-AT2 (optional) OR 2x 10GbE BaseT and 2x 10GbE SFP+ with Intel® X710-TM4 (optional) No NIC option supported IPMI: Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Input / Output	LAN: 1 RJ45 Dedicated BMC LAN port USB: 2 USB 3.0 port(s) (2 rear) Video: 1 VGA port(s) Serial Port: 1 COM Port(s) (1 rear) DOM: 2 SuperDOM (Disk on Module) port
System Cooling	4x8cm heavy duty fan(s)
Power Supply	1U 1600W Redundant Titanium AC Power Supply with PMBus 73.5x203x40mm Dimension (W x H x L): 73.5 x 40 x 203 mm Output Type: Gold Finger Connector
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
Management	SuperDoctor® 5; Watch Dog; NMI; SUM; KVM with dedicated LAN; Intel® Node Manager; IPMI 2.0; Redfish API; Supermicro Out of Band (OOB) License (Included with Server)
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory 7 +1 Phase-switching voltage regulator FAN: Fans with tachometer monitoring Status monitor for speed control Pulse Width Modulated (PWM) fan connectors Temperature: Monitoring for CPU and chassis environment Thermal Control for fan connectors
Dimensions and Weight	Height: 3.5" (89 mm) Width: 17.2" (437 mm) Depth: 28.2" (717.2 mm) Gross Weight: 63 lbs (28.6 kg) Net Weight: 37 lbs (16.8 kg) Packaging: 9.96" (H) x 24.6" (W) x 45.43" (D) Available Color: Black Front & Silver Body
Operating Environment	Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) Non-operating Temperature: -40°C to 60°C (-40°F to 140°F) O perating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)
Motherboard	Super X12DPU-6
Chassis	CSE-219U3TS-R1K62D-T

Server



1U Servers TTS-EA1N001(SATA)



Form Factor	1U Rackmount
Drive Bays	4 hot-swap 3.5" SATA3 drives or 4 NVMe (via optional drive tray) or 4 SAS3 (via optional SAS kit)
Expansion Slots	2 PCI-E 4.0 x16 (FH / 9.5"L) slots 1 PCI-E 4.0 x16 (LP) slot 1 PCI-E 4.0 x16 (internal proprietary LP slot)
Networking	Dual 10GBase-T LAN ports
Power & Cooling	1000W Redundant Power Supplies (Titanium Level)



1U Servers TTS-EA1N001(NVMe)



Form Factor	1U Rackmount
Drive Bays	4 hot-swap 3.5" SATA3 drives or 4 NVMe (via optional drive tray) or 4 SAS3 (via optional SAS kit)
Expansion Slots	2 PCI-E 4.0 x16 (FH / 9.5"L) slots 1 PCI-E 4.0 x16 (LP) slot 1 PCI-E 4.0 x16 (internal proprietary LP slot)
Networking	Dual 10GBase-T LAN ports
Power & Cooling	1000W Redundant Power Supplies (Titanium Level)



2U Servers TTS-EA2N001(SATA)



Form Factor	2U Rackmount
Drive Bays	12 hot-swap 3.5" SATA 3 drives or 8 SATA3 + 4 NVMe via optional tray or 12 SAS3 via optional SAS kit
Expansion Slots	2 PCI-E 4.0 x16 (FH, 10.5" L) slots, 1 PCI-E 4.0 x16 (FH, 9.5" L) slot, 1 PCI-E 4.0 x16 (LP) slot, 1 PCI-E 4.0 x8 (FH, 9.5" L, in x16) slot, 1 PCI-E 4.0 x8 (internal proprietary LP in x16) slot
Networking	Dual 10GBase-T LAN ports
Power & Cooling	1600W Redundant Power Supplies (Titanium Level)



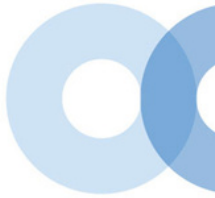
2U Servers TTS-EA2N001(NVMe)



Form Factor	2U Rackmount
Drive Bays	24 hot-swap 2.5" U.2 NVMe drives or up to 24 SATA/SAS drive support via optional SAS kit
Expansion Slots	1 PCI-E 4.0 x16 slot (FH, 9.5" L)
Networking	Dual 10GBase-T and 10G SFP+ ports
Power & Cooling	1600W Redundant Power Supplies (Titanium Level)



Retail Benefits of Efficient Motherboards



Efficient motherboards offer high-performance solutions for retail applications such as powering POS systems, managing inventory, and running digital displays. With features like high-speed connectivity, powerful processing capabilities, and expandable storage, these motherboards streamline operations, enhance customer experience, and **elevate the retail business to new heights.**

Motherboard



TTS-MB660M



CPU	LGA1700 12/13 generation intel core/pentium/celeron
Chipset	Intel B660
Memory	4*DDR4 Memory SlotSingle slot support max up to 32GB
Expansion Slots	1 X PCI Express X16 , X mini PCIE
Storage	1X M.2 slot for SSD, 2*M.2, NVME mode, speed support max up to PCIe4.0 X4, 3*SATA3.0
Audio	6-Channel HD audio CODEC , Realtek 6-channel High Definition audio CODEC
LAN	1*1000M LAN, Support , Wake-On-LAN
USB	Support by H660 Express Chipset 4 X USB 3.2 Gen 1x1 port(s) up to 5Gb/s 6 X USB2.0 port(s) Up to 480 Mb/s
Panel I/O	1 X PS/2 combo connector , 1 X Serial port (COM) 1 X Audio port (Line Out/Line In/Mic In) , 1 X RJ-45 port 1 X HDMI port(s) , 1 X Display port ,1 X D-Sub (VGA) port(s) 2 X USB 3.0 , 4 X USB 2.0
Connectors & Headers	1 X 24-pin ATX Power Supply connector 1 X 8-pin ATX 12V Power Connector ,1 X 4-pin CPU_FAN connector 1 X 4-pin SYS_FAN connector , 1 X Front panel audio header 1 X Front panel header , 1 X Speaker header , 1 X Onboard Buzzer 2 X USB 3.0 header , 2 X USB 2.0 header , 3 X SATA III 6Gb/s connector(s) , 1 X CLR_CMOS header , 1 X COM headers
Form Factor	245mm x245mm
OS Support	Windows 11 64bit



TTS-MH510P



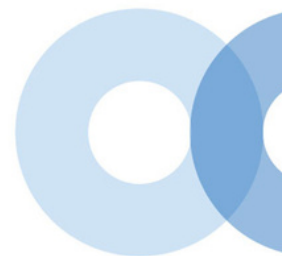
CPU	Intel LGA1200 10th/11th series processor
Chipset	Intel H510 chipset
Memory	2*DDR4 Memory Slot, Single slot support max up to 32GB
Expansion Slots	1 X PCI Express X16, 1 X mini PCIE, 1 X M.2 slot for SSD
Storage	4*SATA3.0 port , 1*M.2 port,
Audio	6-Channel HD audio CODEC , Realtek 6-channel High Definition audio CODEC*
LAN	1*REALTEK 8111H 1000M LAN , Support network wakeup, support PXE function, Wake-On-LAN*
USB	Support by H510 Express Chipset 4 X USB 3.2 Gen 1x1 port(s) up to 5Gb/s 6 X USB2.0 port(s) Up to 480 Mb/s
Panel I/O	1 X PS/2 combo connector,1 X Serial port (COM) 1 X Audio port (Line Out/Line In/Mic In) , 1 X RJ-45 port 1 X HDMI port(s) , 1 X Display port , 1 X D-Sub (VGA) port(s) 1 X USB 3.0 , 1 X Type A port(s)
Connectors & Headers	1X 24-pin ATX Power Supply connector, 1 X 8-pin ATX 12V Power Connector 1 X 4-pin CPU_FAN connector , 1 X 4-pin SYS_FAN connector 1 X Front panel audio header , 1 X Front panel header 1 X Speaker header , 2 X USB 3.0 x1 header , 4 X USB 2.0 header 4 X SATA III 6Gb/s connector(s) , 1 X CLR_CMOS header ,1 X COM headers
Form Factor	180mm x215mm
OS Support	Windows 11 64bit



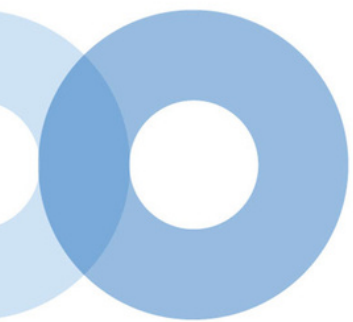
TTS-MH610M4



CPU	Support LGA1700 series processor
Chipset	Chipset: Intel H610
Memory	2*DDR4 Memory Slot , Single slot support max up to 32GB*
Expansion Slots	1 X PCI Express X16 , 1 X mini PCIE , 1 X M.2 slot for SSD*
Storage	4*SATA3.0 port , 1*M.2 port,*
Audio	6-Channel HD audio CODEC , Realtek 6-channel High Definition audio CODEC
LAN	1*REALTEK 8111H 1000M LAN , Support , network wakeup, support PXE function, Wake-On-LAN
USB	Support by H610 Express Chipset,4*USB2.0 ports , 4*USB3.0 ports
Panel I/O	1 X PS/2 combo connector ,1 X Audio port (Line Out/Line In/Mic In) 1 X RJ-45 port , 1 X HDMI port(s) , 1 X Display port 1 X D-Sub (VGA) port(s) , 2 X USB 3.0 , 2 X Type A port(s)
Connectors & Headers	1X 24-pin ATX Power Supply connector,1 X 8-pin ATX 12V Power Connector 1 X 4-pin CPU_FAN connector , 1 X 4-pin SYS_FAN connector 1 X Front panel audio header ,1 X Front panel header 1 X Speaker header , 1 X Onboard Buzzer , 1 X USB 3.0x1 header 1 X USB 2.0 header , 4 X SATA III 6Gb/s connector(s) 1 X CLR_CMOS header , 1 X TPM header , 1 X COM headers*
Form Factor	180mm x220 mm
OS Support	Windows 11 64bit



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