

Compact, Fanless, Reliable Built for indoor industrial applications



12th Gen Intel Processors



Fanless



4K



3 Displays



HDMI CEC



Wi-Fi 6E
802.11ax



Wi-Fi 6
802.11ax



Dual LAN



2.5G LAN



PCIe 4.0x4
M.2 SSD



AI
noise-canceling



MyASUS

Primed for indoor industrial applications

- Powered by 12th Generation Intel® Core™ processors
- Fanless design effectively cools 15-watt CPUs, while minimizing noise and dust ingress
- Comprehensive connectivity including two COM ports support RS232/422/485, two LAN ports including 2.5 G Ethernet, and up to five USB ports
- 24/7 reliability — Extensively tested to ensure long-term dependability, including the ability to operate in up to 50°C ambient temperatures.
- Adheres to the MIL-810H military standards for outstanding quality and reliability

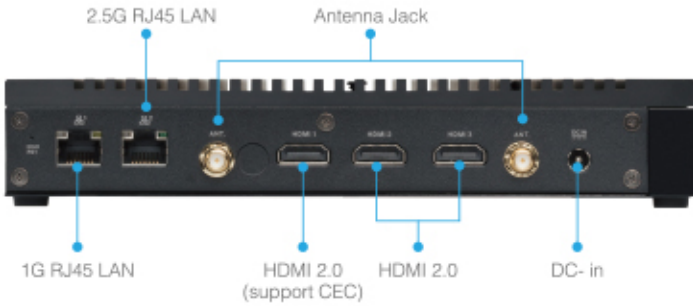
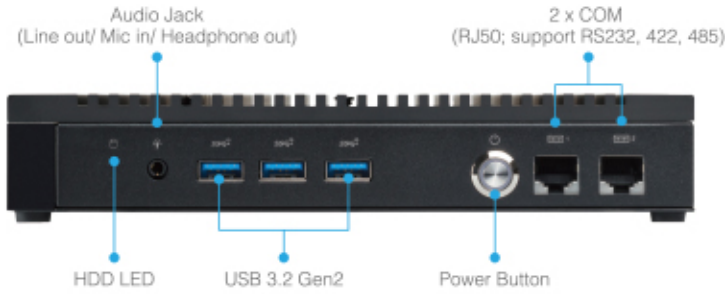
Ideal for digital signage and kiosks

- Slim, compact chassis measuring just 199.7 x 119.7 x 33.9 mm
- 4K triple-display support via HDMI, plus EDID emulation and virtual display
- Flexible placement options including wall, din rail, VESA, and rack mount compatibility

Maximum possibilities

- Support up to up to two M.2 PCIe® Gen 4 x4 SSD
- Integrated WiFi 6E and Bluetooth® for wireless connectivity
- 2 easy steps optimization and upgrade

Over view:



Accessories list:



- Power Cord (80cm)
- AC Adapter
- Quick Start Guide & Warranty Card
- VESA Mount Kit (Optional)
- Wall Mount (Optional)
- RJ50 to COM cable (Optional)
- Keyboard & Mouse (Optional)
Wired / Wireless

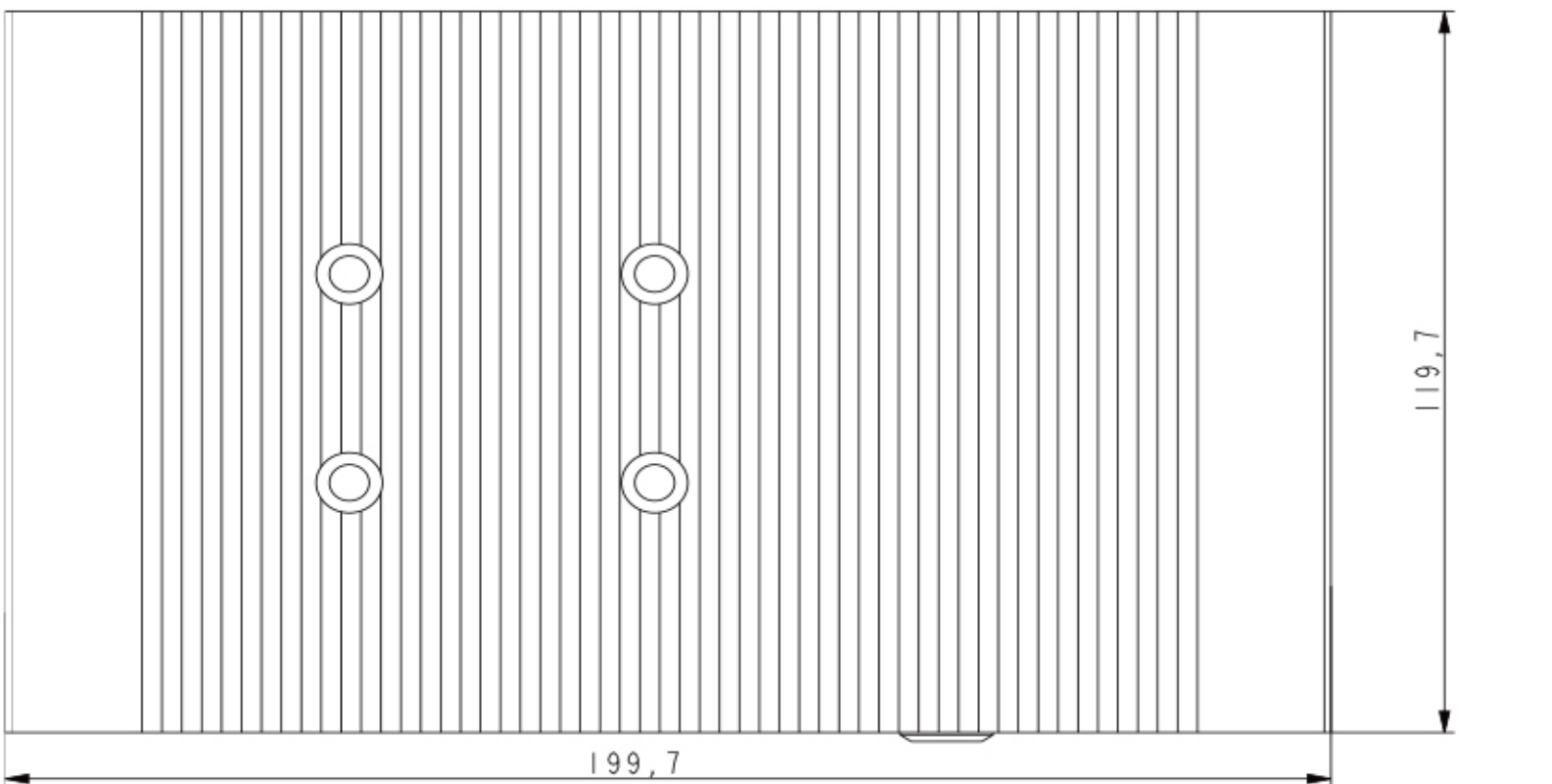
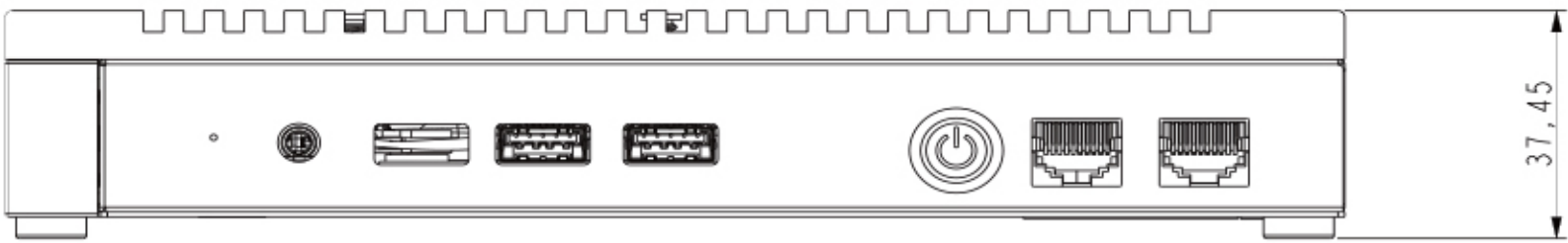
Feature table:

Power	
PD input	N
BIOS	
AC Power loss	Y
HDMI-CEC	Y
CrashFree	Y
EZ Flash	Y
BIOS Customization	Y
PXE/WOL	Y
USB Single Port Control	Y

Security	
fTPM 2.0	Y
dTPM 2.0	optional
Kensington lock	Y
Pad-lock	N
Chassis Intrusion	N
Reliability	
24/7 Durability Test	Y
Military-grade Durability	Y
Anti-Surge	Y
Fanless	Y

Remote	
ASUS Control Center	optional
Watchdog timer	optional
ASUS Cooperate Stable Model	optional
MyLogo	N
MyASUS / CSM	
Smart Fan Control	N
AI Noise Cancelation	Y
Wi-Fi Smart Connect	Y

Dimension (mm):



Model		PL64	
OS		Windows®11 64bit, Windows®11 Pro 64bit, Windows®10 IOT Enterprise 64bit, Linux, or W/O OS (Please check with local rep on validated Linux version)	
CPU		Intel® Core™ i7-1255U/ i5-1235U/ i3-1215U, Celeron® 7305 (cTDP:15W)	
Chipset		Integrated	
Graphics		Integrated - Intel® Iris® Xe Graphics (i5/ i7) or Intel® UHD Graphics (i3/ Celeron)	
Memory		2 x DDR4 SO-DIMM slots for DDR4 3200 MHz, 1 x 4GB - 2 x 32GB (total)	
Storage		2 x M.2 2280 PCIe Gen4 slot for 256GB - 2TB SSD* (NVMe only) * For higher capacity please refer to QVL (location: official website → Support → CPU / Memory Support)	
Wireless Network		Intel® Wi-Fi 6E or Intel Wi-Fi 6 and Bluetooth 5	
LAN		Intel® LAN, 10/100/1000/2500 Mbps Intel® LAN, 10/100/1000 Mbps Supports Wake on LAN / PXE / Auto Power on / RTC Wake	
Interface	Front I/O	3 x USB 3.2 Gen2 (10 Gbps) 2 x COM (RJ50; support RS232, 422, 485) 1 x Audio Jack (Line out/ Mic in/ Headphone out) * All data transfer speed is according to ASUS testing result, actual performance may vary depending on objective environmental changes.	
	Side I/O	2 x USB 3.2 Gen1 (5Gbps) 1 x Kensington Lock	
	Rear I/O	3 x HDMI 2.0 Port 1 x Intel 2.5G LAN (RJ45) 1 x Intel 1G LAN (RJ45) 1 x EDID reset 2 x Antenna Jack 1 x DC-in * Supports up to three displays via HDMI ports	
TPM		fTPM 2.0 or TPM 2.0 chip (Optional)	
BIOS Function		32 Mb Flash ROM, UEFI AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.8, ACPI 5.0, Multi-language BIOS, ASUS EZ Flash 3, ASUS CrashFree BIOS 3	
Software		The following software are included in OS: MyASUS, ASUS Product registration program, Asus Control Center test, Watchdog timer	
Power Supply		19Vdc, 3.42A or 19.5Vdc, 3.33A (65W)	
Physical	Dimension	199.7 x 119.7 x 33.9 mm (0.8L)	
	Weight	1.04 kg (barebone)	
Max Resolution	HDMI	4096 x 2160 @ 60Hz	
Temperature	Operating	0°C~50°C (only for models that support 16 GB memory and below) 0°C~35°C (for all other models)	
	Storage	-40°C~85°C	
Humidity		0%~95% Relative Humidity	
Acoustic	Idle mode	<25 dBA	N/A
	Full loading	<35 dBA * Test results will vary slightly depending on the HDD/SSD SKU selected by customer	
Certificates		BSMI / CB / CE / FCC / UL / CCC / Energy Star / C-Tick / WiFi / RF / VCCI	