

ITPC-A600

Intel® Whiskey Lake U series Processor - 17" Touch Panel PC

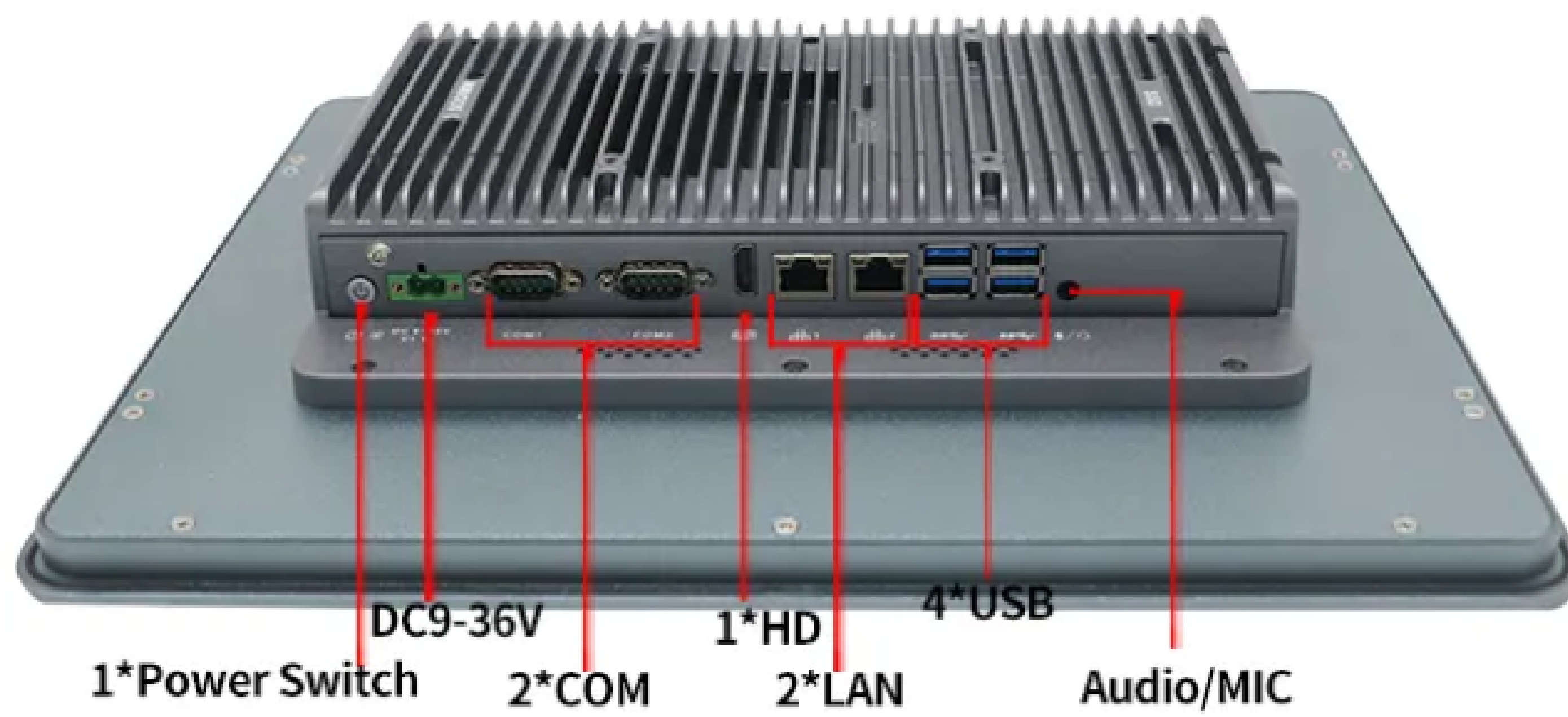


FEATURES

- Fanless Aluminum Design
- Intel® Whiskey Lake U series Processor
- 2 × RS232/422/485 COM Ports
(6 × COM Ports optional)
- 2 × Intel LAN Ports (4 × LAN Ports optional)
- Support 9 ~ 36V and TPM2.0 security encryption
- IP65 full flat front panel

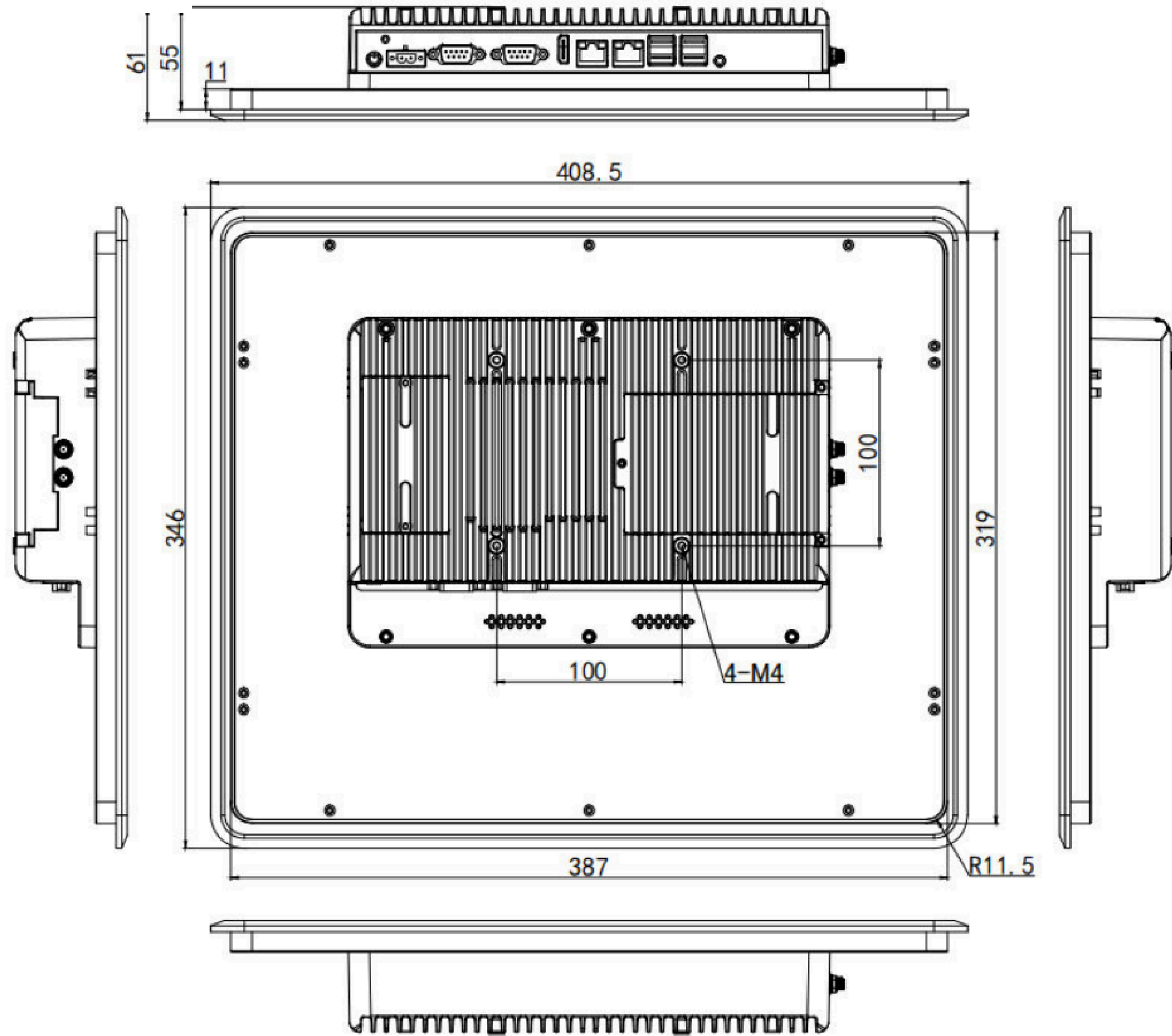
SPECIFICATION

SYSTEM	
Processor	Intel® Celeron® J6412 (Quad core quad threads, 2.0GHz, Max turbo 2.6GHz) Intel® Celeron® 4205U (Dual core dual threads, 1.8Ghz, 2MB Cache) Intel® Core™ i3-10110U (Dual core 4 threads, 2.1G, Max. Turbo 4.1G, 4MB Cache) Intel® Core™ i5-8260U (Quad core eight threads, 1.6Ghz, Max turbo 3.9Ghz, 6MB Cache) Intel® Core™ i7-8565U (Quad core eight threads, 1.8Ghz, Max turbo 4.6Ghz, 8MB Cache)
Memory	1 × DDR4 2133/2400MHz SODIMM, Max. 32 GB
BIOS	AMI EFI BIOS
Display Chip	Intel® UHD Graphics
Display Port	1 × HDMI, 1 × LVDS Support synchronous/asynchronous 2 display
Storage	1 × M.2 2280 (support SATA protocol) 1 × 2.5-inch HDD Support RAID 0/1
Expansion	1 × Mini PCIe (support WiFi/Bluetooth/3G/4G optional), embedded 1 × SIM Card Slot Expansion Ports (standard configuration doesn't include): GPIO (8 Input 8 Output), 2 × LAN Ports, 4 × COM Ports, 2 × USB 2.0
OS Support	Windows 10, Linux
I/O	1 × HDMI 2 × COM Ports (COM1,2 support RS232/422/485, 6 × COM Ports optional) 1 × Power Button 4 × USB 3.0 1 × 2 Pin Power Supply Phoenix Connector 1 × Speaker & Mic 2 × Intel 1000Mbps LAN Ports (4 × LAN Ports optional)
Power	DC 9V~36V (support positive and negative electrode protection)
Speaker	2 × 8Ω2W
Other Function	TPM2.0 security encryption, Auto power on when there is electricity, Timing boot, Wake on LAN, PXE boot, Watchdog (0~255 level) (standard configuration doesn't include)
Application	Industrial Automation, Medical, Logistics Transportation, Warehousing, Machine Vision, etc.
LCD	
Display Type	17" TFT-LCD
Brightness	250 cd/m ²
Viewing Angle	Full Angle
Contrast	4:3
Resolution	1280 × 1024
Touchscreen Type	Industrial grade multi-touch resistance touch screen, Life Time: more than 50000 Thousand Times
ENVIRONMENT	
Operating Temperature	0°C ~ 50°C (Commercial HDD), -20°C ~ 60°C (Industrial SSD), surface air flow
Relative Humidity	5% ~ 95% (non-condensing)
Certification	CE, CCC, FCC Class A, RoHS
MECHANISM	
Dimension	408.5 × 346 × 61 mm
Embedded Size	389 × 321 mm
Weight	4.7 kg



DIMENSION

unit:mm



ORDER INFORMATION

ITPC-A600	CPU	Specification
Configuration 1	Intel® Celeron® J6412	Standard I/O
Configuration 2	Intel® Celeron® 4205U	
Configuration 3	Intel® Core™ i3-10110U	
Configuration 4	Intel® Core™ i5-8260U	
Configuration 5	Intel® Core™ i7-8565U	

Note: There is a conflict between extended and standard function. Please consult technical personnel for extended function

ACCESSORY

Part Name	Quantity	Specification
Power Adapter	1	12V 5A /12V7A
Power Cord	1	CN, US, UK, EU etc.
Embedded Buckle	4	For Standard Embedded Installation