



Intelligent AV Distribution

ZyPer

Management Platform **Hardware Specifications**

NUC, Rack Mount and VMware Hardware
Updated, May 2022



Hardware Specifications (Intel NUC version 2021 and earlier)

CPU	Intel® Pentium® Processor J5005
Operating System	Linux Ubuntu 16.04
Internal Storage	64 GB SSD
Graphics	Intel® HD Graphics 600
LAN	Gigabit LAN
Internal Memory	8 GB DDR4
Power Supply	- Input: 100 ~ 240 V AC - Output: 19V DC, 3.42 A
I/O	2 x HDMI 2.0a 4 x USB 3.0, Type- A, female 1 x RJ45 1 x 19V DC 1 x Kensington lock slot 2 x 3.5mm headset jacks (Not used)
Operating Temperature	0 °C to +40 °C
Storage Temperature	-20 °C to +60 °C
VESA	- VESA Bracket included - Supports 75 x 75 and 100 x 100 mm
Dimensions (W x H x D)	4.55 in x 2.01 in x 4.57 in (115 mm x 51 mm x 111 mm)



Hardware Specifications (NUC version Feb 2022 and beyond)

CPU	Intel® Celeron® Processor N3350
Operating System	Linux Ubuntu 20.04
Internal Storage	64 GB SSD
Graphics	Intel® HD Graphics 500
LAN	1x 100mb (Eth0), 1x Gigabit (Eth1)
Internal Memory	4 GB DDR4
Power Supply	- Input: 100 ~ 240 V AC - Output: 19V DC, 3.42 A
I/O	2 x HDMI 2.0a 3 x USB 3.0, Type-A, female 2 x USB 2.0, Type-A, female 2 x RJ45 1 x 19V DC 1 x Kensington lock slot 1 x 3.5mm headset jacks (Not used)
Operating Temperature	0 °C to +40 °C
Storage Temperature	-20 °C to +70 °C
VESA	- VESA Bracket included - Supports 75 x 75 and 100 x 100 mm
Dimensions (W x H x D)	6.06 in x 1.25 in x 4.25 in (154 mm x 32 mm x 108 mm)



Ethernet Port 0 = Video Port. DHCP default IP Address (Side with USB only)
Video Port connected to same network with ZyPer Endpoints
Ethernet Port 1 = Management Port. (Side with HDMI ports)
Management Port connected to other network (if used)
Static IP Address 192.168.20.2 Subnet Mask = 255.255.255.0

Hardware Specifications (Enterprise Grade Rack Mount)

CPU	Intel® Xeon E3-1200 v5
Operating System	Linux Ubuntu 16.04 (Updated to 20.04 in February 2022)
Internal Storage	64 GB SSD
Graphics	ASPEED AST2400 BMC
LAN	Dual Gigabit LAN
Internal Memory	8 GB DDR4
Power Supply	200W Low-Noise AC-DC power supply. Fan speed dynamically adjusts for load and environment.
I/O	1 x VGA (15-pin D-sub) 2 x USB 2.0, Type-A, female 2 x RJ45 (LAN) (Video Network and Management Network) 1 x RS232 (9-pin D-sub)
Operating Temperature	+10 °C to +35 °C
Storage Temperature	-40 °C to +70 °C
Dimensions (W x H x D)	17.2 in x 1.7 in x 11.3 in (437 mm x 43 mm x 287 mm)
Ambient Noise	- Measurement point was 1M distant, straight in front of unit 43.5 db(A) - Startup and peak load condition 32.8 - 34.4 db(A) - Expected range during typical load 31.7 db(A) - Idle and very lightly loaded or cooler ambient conditions
Weight	8.45 lbs, (3.83 kg)



Power Button



Status LEDs



Ethernet Port 0 = Video Port. DHCP default IP Address
Video Port connected to same network with ZyPer Endpoints
Ethernet Port 1 = Management Port.
Management Port connected to other network (if used)
Static IP Address 192.168.20.2 Subnet Mask = 255.255.255.0

Hardware Specifications (VMware Virtual Machine)

CPU	• Dual CPU's
Server Platform	• VMware ESXi 6.x or newer
Internal Storage	• 64 GB or greater
LAN	• Gigabit LAN
Internal Memory	• 8 GB or greater

