

# Micro Cube

Mini PC for small recording systems (up to 6 channels)  
CUBE-MICRO



Ideal solution for n<sup>x</sup> WitnessVMS

- Up to 6 Channels (limited to 20mb/s)
- Linux Based OS (NX Server Software + Client\*\*)
- Celeron CPU
- 8gb DDR4 RAM
- 1x 2.5HDD
- 3D NAND
- Intel UHD Graphics
- 2x HDMI
- 4x USB 3.0
- GBLAN
- WiFi 5
- BT 4
- SDXC
- Mic/Audio Port
- 3 Years Warranty



\*\* Client software for setup and config only, doesn't support local play back

## Specifications

**Board Form Factor:** UCFF (4" x 4")  
**Socket:** Soldered-down BGA  
**Internal Drive Form Factor:** 2.5" Drive  
**Internal Drives Supported:** 1  
**Max Memory:** 8 GB  
**Memory Type:** DDT4-2400 1.2V SO-DIMM  
**DC Input:** 12-19 VDC  
**Processor:** Intel® Celeron® J4005  
 4M Cache, up to 2.7 GHz  
**Integrated Graphics:** Yes  
**Graphics Output:** 2x HDMI 2.0a  
**Displays Supported:** 2  
**USB Configuration:** 2x front (3.0) & 2x rear (2.0)  
**Total SATA Ports:** 1  
**Audio:** Front; 7.1 digital; L+R+mic  
 Rear; L+R+TOSLINK  
**Integrated LAN:** 10/100/1000  
**Integrated Wireless:** Intel® Wireless-AC MAC  
**Integrated Bluetooth:** Yes  
**Consumer Infrared Rx Sensor:** Yes  
**S/PDIF Out Connector:** TOSLINK  
**Warranty:** 3 Years  
**Other Features:**  
 Intel® Virtualization Technology for Directed I/O (VT-d)  
 Intel® HD Audio Technology  
 SDXC card slot  
 Dual microphones

## Maximum Capacity

### VIVOTEK Cameras

# of Channels	MP's	Frame rate	Quality	Bitrate	Codec
6	5	20	High/detailed	17.66	H.264
5	5	20	High/detailed	14.72	H.264
4	5	20	High/detailed	11.77	H.264

### Other Cameras

# of Channels	MP's	Frame rate	Quality	Bitrate	Codec
6	5	11	High	19.85	H.264
6	4	13	High	20.07	H.264
6	2	20	High	18.47	H.264
5	5	13	High	19.55	H.264
5	4	15	High	19.30	H.264
5	2	26	High	20.01	H.264
4	5	16	High	19.25	H.264
4	4	19	High	19.56	H.264
4	2	30	High	18.47	H.264



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