



## 711.07867 REV 14 – Rio/Continuum Camera with In-Situ PC System

Manufacturer: Dell  
 Model: PowerEdge T550 (711.07936 Rev 02)

Base Unit:	PowerEdge T550 tower server (210-BBRX, 321-BHZZ, 325-BEGT, 325-BEGZ, 330-BBWW, 379-BDST, 379-BDTF, 384-BBBL, 384-BCYQ, 461-AAIG, 800-BBDM)
Processor:	(2) Intel Xeon Gold 6326, 16 core, 2.90 GHz, 3.50 GHz Turbo, 24 MB L3, 11.2 GT/s, 185 W (338-CBXJ, 379-BDCO, 412-AAYL)
Memory:	256 GB total; (8) 32 GB RDIMM, 3200 MT/s, dual rank (370-AAIP, 370-AEVR, 370-AGDS)
Video Card:	(1) <a href="#">Nvidia T1000, 8 GB GDDR6, 896 CUDA cores, PCIe v3 x16, 50 W max power consumption, (4) mDP v1.4 connectors (PNY VCNT10008GB-PB)</a>
Monitor:	(1) Dell 32" Widescreen flat panel display, P3223QE, 3840x2160, HDMI/DP & USB-C hub connections, 2m DP-DP cable, 3 years Advanced Exchange Service (210-BDQC, 844-1960, 844-1966), also includes <a href="#">USB-A (f) to USB-B (f) adapter</a>
Hard Drives:	(1) 960 GB SATA SSD, 1 DWPD (400-AXSE) (2) 3.2 TB, NVMe SSD, mixed use (400-BKGD)
HD RAID:	RAID 0 (from the 2 x 3.2 TB NVMe SSD's), (1) 5.82 TB logical drive for Capture Data
HD Controller:	(1) PERC H755N Front, NVMe, 8 GB DDR4 2666 MT/s non-volatile cache, PCIe v4 x8 (405-AAZE) (1) HBA355i Front, SAS/SATA (405-AAXY)
Optical Drive:	(1) DVD+/-RW, SATA (429-ABLS)
Power Supply:	(2) 1400 W Hot Plug, redundant 1+1 (450-AALV, 450-AKYP)
Operating System:	Windows Server 2022 Standard Edition, 64-Bit, English (528-CSCP, 634-BYJV, 634-BYJY) <b>see Note 2</b>
Energy Efficiency:	none
Network Adapters:	(1) Broadcom 57416 Dual Port, 10 GbE, BASE-T, OCP NIC 3.0 (540-BCOD) (2) Broadcom 5720 On-Board LOM, 1 GbE (329-BGKJ)
Keyboard:	(1) <a href="#">Razer Cynosa V2 keyboard, backlit, wired USB (RZ03-03400)</a>
Mouse:	(1) <a href="#">Logitech Corded Mouse M500, wired USB (910-001204)</a>
Expansion Slots:	G1 PCIe x16, Gen 4, FH-FL-DW, CPU 1 G2 PCIe x16, Gen 4, FH-FL-DW, CPU 2 3 PCIe x16, Gen 4, FH-HL-SW, CPU 2 (occupied by Video card) 4 PCIe x16, Gen 4, FH-HL-SW, CPU 2 5 PCIe x4, Gen 4, FH-HL-SW, PCH 6 PCIe x16, Gen 4, FH-HL-SW, CPU 1
Tower I/O Ports:	Front: (1) USB 3.0, (1) USB 2.0, (1) iDRAC Direct (Micro-AB USB) Rear: (1) USB 3.0, (1) USB 2.0, (1) VGA, (2) NIC, (1) iDRAC9
Service:	3 Year ProSupport and NBD On-site Service (709-BBFL, 865-BBMY)
Documentation:	No System Documentation & No OpenManage DVD kit (631-AACK)
Embedded Systems Management:	iDRAC9 Enterprise 15G (350-BCKT, 379-BCQY, 379-BCQX, 379-BCSF, 385-BBQV)

### Notes:

- Items in **blue text** are NOT part of the PowerEdge configuration that can be ordered if this system is purchased directly from Dell.
- Support for Server 2022 begins with GMS software version 3.6.0.
- If the specific hardware device configuration requires more expansion slots than are available on the motherboard, an Expansion Enclosure System will also need to be purchased. Reference Gatan p/n# 101780 (StarTech #PEX2PCIE4L)
- If the monitor, keyboard, and mouse need to be located farther from the computer case than would be permitted by standard 2m cabling, an optional 20m Ultra HD monitor cable bundle may be purchased (**included if the computer is purchased from Gatan**). Reference Gatan p/n# 711.27200
- When purchased from Gatan, this system is also provided with (1) USB 3 to RJ-45 Gigabit Ethernet adapter. Reference Gatan p/n# 106582

**Important:** Check with the Software group and Marketing before changing this specification.