

FULL FEATURED CLIENTS SEAMLESSLY PAIRED WITH HIGH PERFORMANCE KVM TRANSMITTERS

Design a secure, productive and high performance remote computing infrastructure using Thinklogical's ICT18 Integrated Client Transmitter. This all-in-one, rack mount assembly offers the ultimate combination of Source Client and KVM Extension performance in a flexible ultra-dense chassis.

Up to 18 Client Processor Platform Cards (PPC) and KVM Transmitter Cards are mated in a mid-plane Chassis producing Integrated Client Transmitter pairs, that allow the completely independent upgrade of the processor platform or KVM transmitter.

Processor Platform Cards, running on the latest Intel® Core™ i7 11th generation processor, serve as zero, thin or full featured thick clients hosting any supported VDI client software or operating system. Mated 10Gb KVM fiber optic Transmitter Cards extend up to quad video heads (dual 4K60 and dual 4K30) along with audio, USB HID and USB 2.0.



LEARN MORE

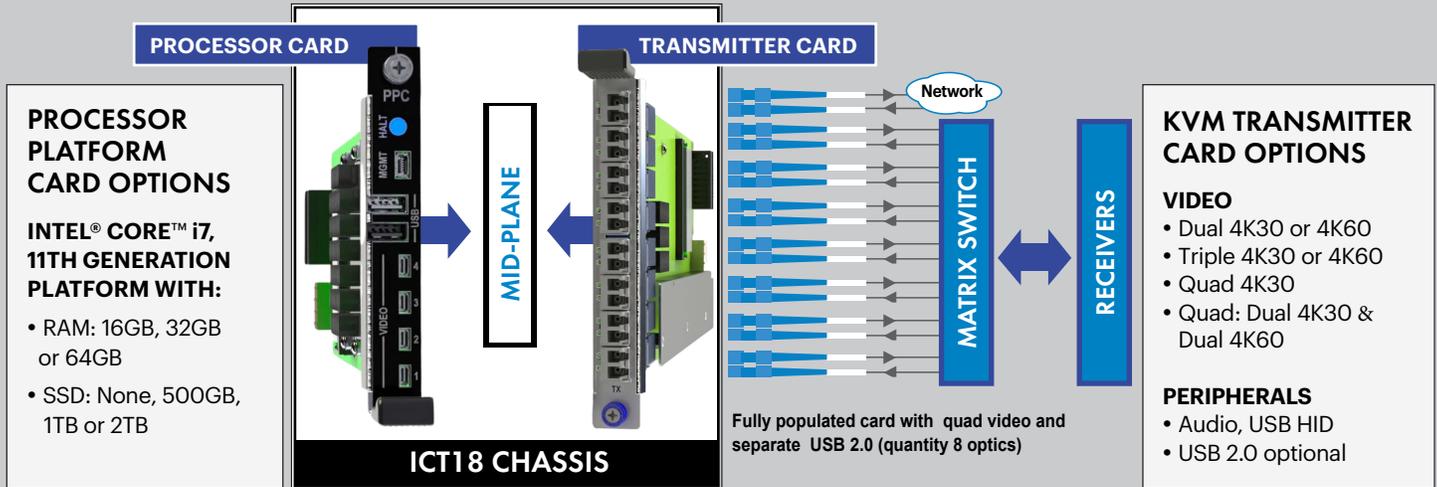
PRODUCT FEATURES

- Rack mounting of up to 18 Clients and paired KVM Transmitters in only 4 rack units
- Full Featured Independent Processor and KVM Transmitter Cards
- Supports Dual, Triple and Quad Head Systems and resolutions up to 3840 x 2160 @ 60Hz (Triple) 30Hz (Quad)
- Supports USB HID and USB 2.0 (Integrated or Separate)
- Embedded Digital Audio and Analog Audio
- Intel Core i7 11th Generation Processor Platform
 - Available RAM: 16GB, 32GB, or 64GB
 - Available SSD: None (Zero Client) to 2TB
- Swappable Processor, KVM Transmitter and Controller Cards, Fan Tray and Optics
- Redundant, current sharing, hot swappable power supplies
- Compatible with Thinklogical's full range of TLX KVM Receivers and Matrix Switches

PRODUCT BENEFITS

- Secure, space-saving, rack mountable Clients and paired KVM Transmitters
- Clean and reliable installations reduce cabling, power, noise and heat
- Integrated Intel Processor solution supports all common VDI and desktop operating systems
- Future proof with independent upgrade capability for Processor Cards and KVM Transmitters
- Enhance flexibility with comprehensive video, peripheral and memory options
- Outstanding serviceability and maximum uptime with local access ports, hot-swappable cards, modules and optics
- Multi-domain support when used with Thinklogical Matrix Switches and Receivers

MID-PLANE CHASSIS EFFICIENTLY CONNECTS PROCESSOR CARDS TO KVM TRANSMITTER CARDS



PRODUCT SPECIFICATIONS

PERFORMANCE	
PROCESSING PLATFORM	Up to 18 Processing Platform Cards
PROCESSOR	Intel Core i7, 11th generation; 2.80GHz/4.40GHz (Turbo Mode), Quad Core, 8 Threads, 12MB Cache, Intel Iris Xe Graphics, 16GB to 64GB RAM-DDR4-3200, 2 memory channels, 500GB to 2TB of non-volatile memory (SSD)
HDMI	HDMI 2.0 (up to 4K60, 24bpp) x2, HDMI 1.4 (up to 4K30, 24bpp) x2
MANAGEMENT (MGMT)	Mini-USB to USB-A Update / Control / Status port: - Baud Rate: 38400 - Parity: None - Flow Control: None - Data Bits: 8 - Stop Bits: 1 - BIOS: Flash
PHYSICAL	
CHASSIS	Configurable with up to 18 Client paired KVM Transmitters
RACK SIZE & WEIGHT	EIA 19" (482.90mm); 100lbs fully loaded
WIDTH x HEIGHT x DEPTH	Width: 17.47" (443.7 mm) x Height: 7.0" (177.8 mm) - 4 RU x Depth: 27.75" (704.9 mm)
FAN TRAY	Hot-swappable, N+1 redundancy fans
CONTROL MODULE	Line-replaceable, Mini-USB chassis status/update port, 8 alarm relays
TRANSMITTERS	
NUMBER OF TRANSMITTERS	Up to 18 Transmitter Cards
SFP MODULES	Up to 8 SFP's per Transmitter Card: Qty 1- 1GbE network, up to Qty 7 - 10Gbps (TLX) video and peripherals
VIDEO/DATA SFP'S OPTIONS	Port 1- 1GbE network, Ports 2-8 separate USB 2.0 and up to quad video heads
NETWORK SFP OPTIONS	1 Gigabit ethernet SFP (fiber or copper), 1 per transmitter card
TRANSMISSION DISTANCES	Multi-Mode Fiber: 400m (OM1: 33m; OM2: 82m; OM3: 300m; M4; 400m), Single Mode Fiber, 10 to 80km (OS2 9/125)
ENVIRONMENTAL	
TEMPERATURE	Operating: 0°C to 50°C; Storage: -20°C to 70°C
HUMIDITY	Operating: 5 to 95% RH, Non-condensing; storage: unlimited
ELECTRICAL	
SUPPLY VOLTAGE	Universal AC Power Supply, 100 to 240VAC, 47 to 63Hz
POWER CONSUMPTION	1125 Watts (fully loaded)
OTHER	
CABLES INCLUDED	Supplied with chassis: CBL000105-002MR USB A to Mini B cable, CBL000107-002MR HDMI to Mini HDMI (x4), PWR-000102-R 6FT (x2)
COMPLIANCE	Approvals for United States of America, Canada, and European Union
WARRANTY	One year from date of shipment. Extended warranties available.

Contact Thinklogical for additional specifications.

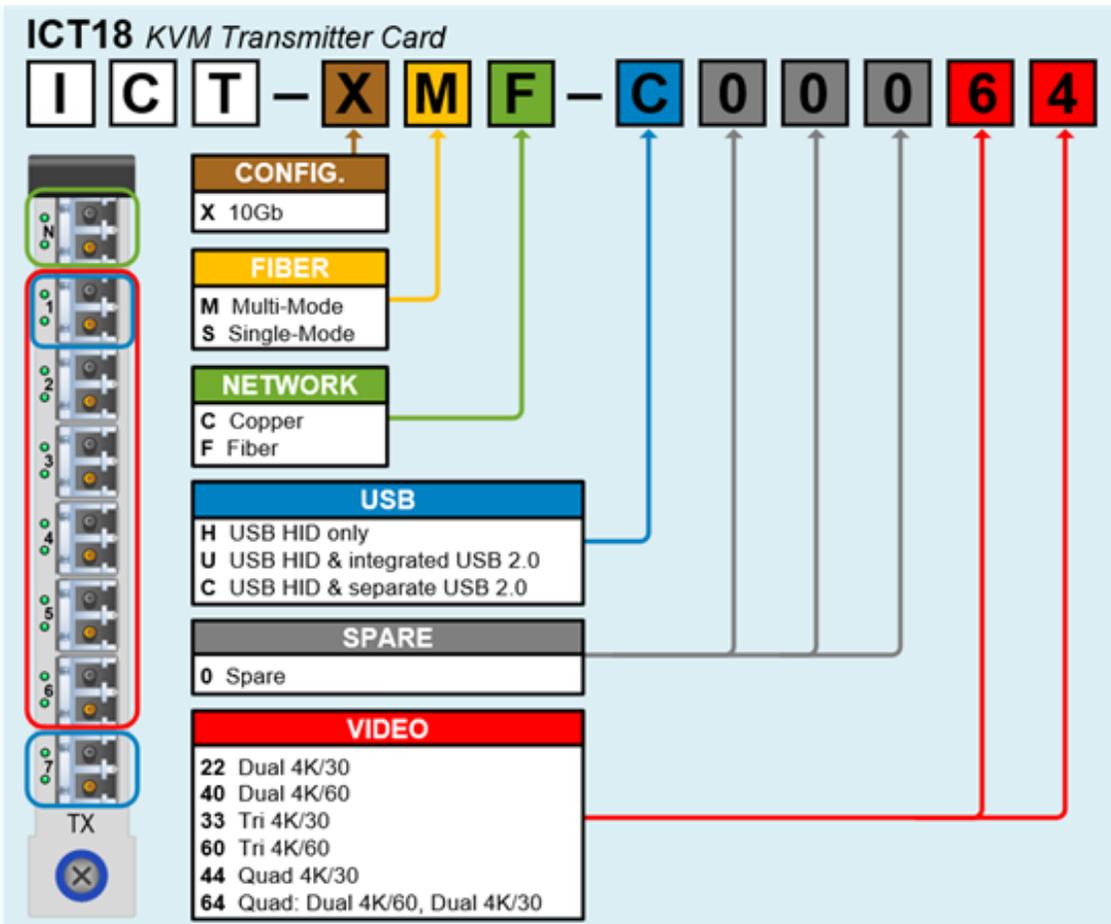
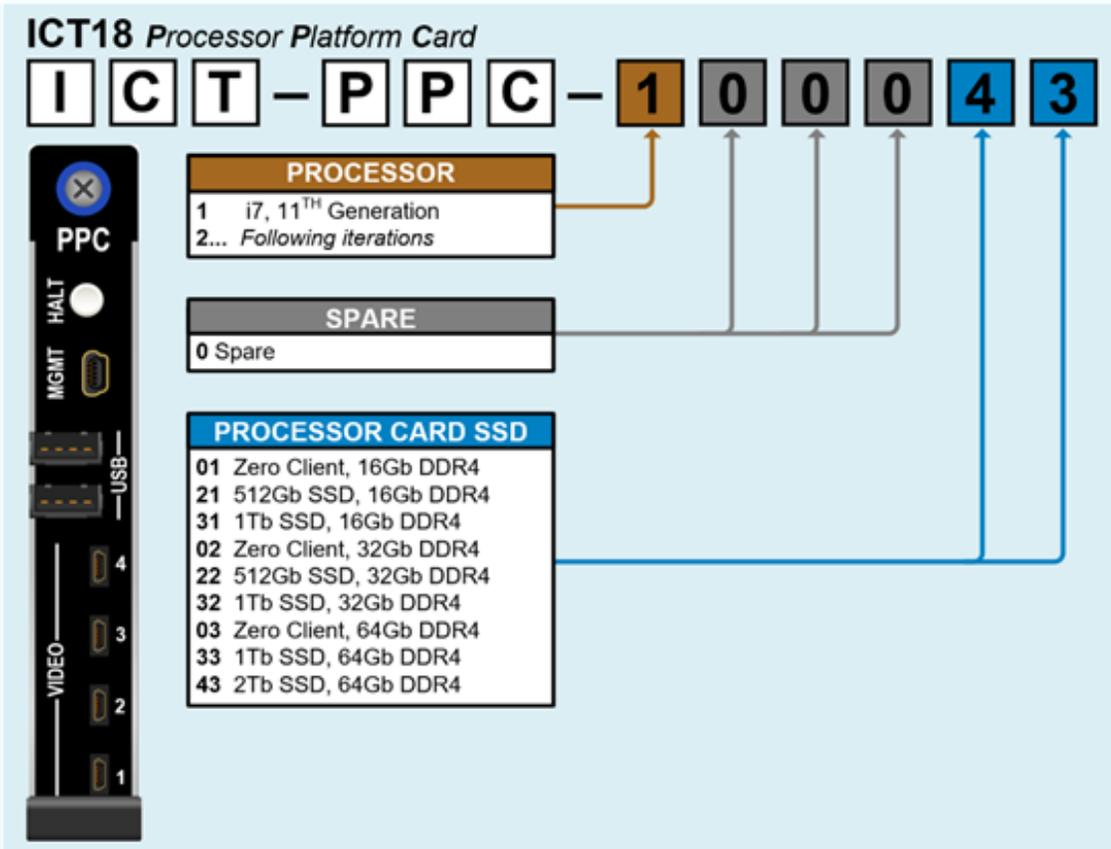
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Ordering Information

Part numbers for the various components of the ICT18 are as follows:

CHS-HD0018: *ICT18 High-Density Chassis, Fan Tray, Control Module, 2 Power Supplies*



ICT18 Spare Modules

CHS-HDF018: *ICT18 Fan Tray*

CHS-HDBKOP *ICT18 Blank Filler PPC*

CHS-HDC018: *ICT18 Control Module*

CHS-HDBKOT *ICT18 Blank Filler Tx*