

## Unleashing the Power of Carrier-grade NFV



### HTCA Platform - The NFVi-ready Network Appliance

To ensure carrier-grade up-time and the high levels of reliability mandated by telecom networks, Lanner's HTCA platforms have undergone a comprehensive testing and validation process with the Wind River Titanium Cloud, Enea and other software solutions. Through the validation and pre-integration of industry-leading NFV ready hardware and software, Lanner is able to deliver carrier-grade network platforms optimized for NFV deployment, and service providers and TEMs can also be confident in selecting validated vendors in the ecosystem for rapid service deployment.



**Multi-Node Computing Blades**



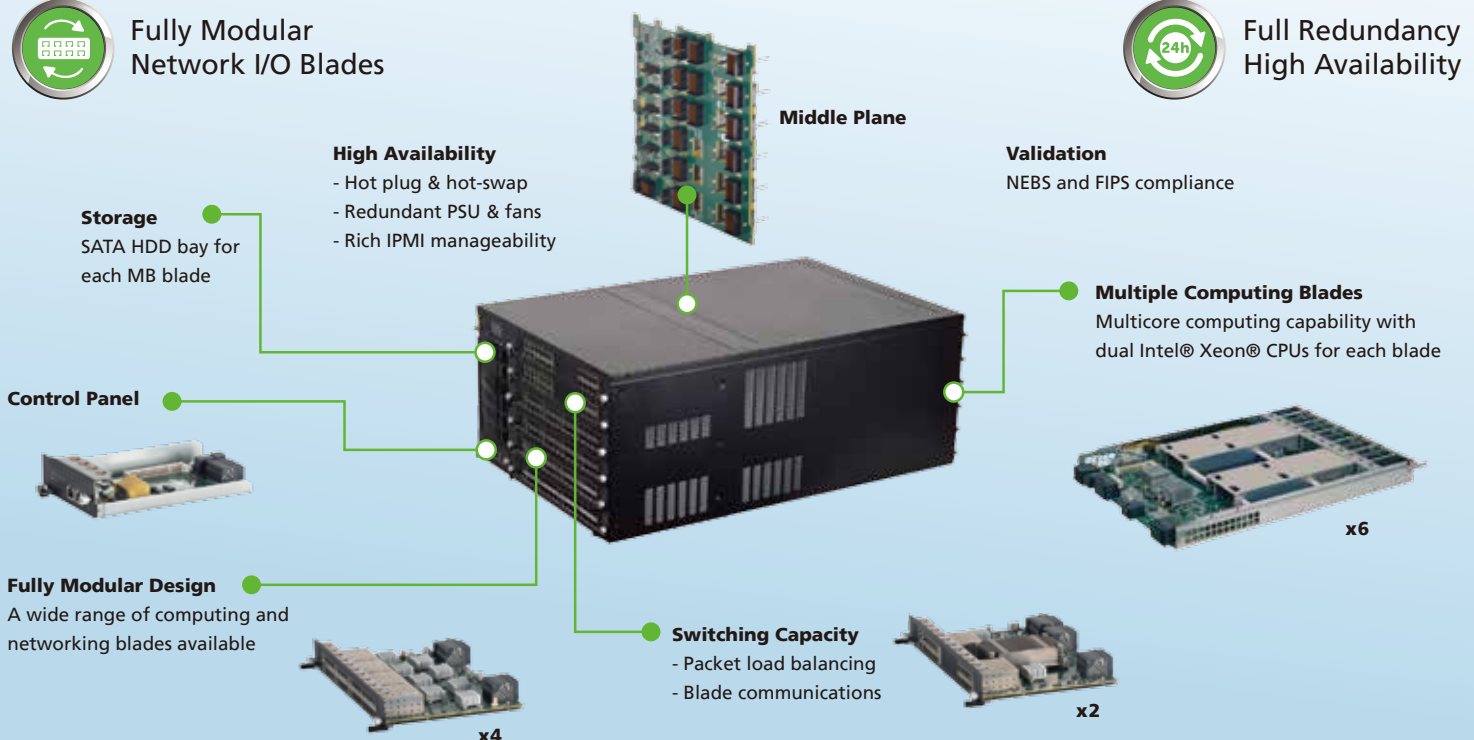
**High-speed Switching Capacity**



**Fully Modular Network I/O Blades**



**Full Redundancy High Availability**



# Product Selections

## 6U NFVi Appliance

### 1U Edge Router



### 2U NFVi Appliance



Feature	Description	HTCA-1000A	HTCA-6200A	HTCA-6600A <span style="color: red; font-weight: bold;">NEW</span>
<b>Form Factor</b>		1U Rackmount	2U Rackmount	6U Rackmount
<b>Platform</b>	Processor Options	Intel Atom™ processor C2758 SoC (Rangeley)	Intel® Xeon® processor E5-2600 v3/v4 (Haswell-EP/Broadwell-EP)	Intel® Xeon® processor E5-2600 v3/v4 (Haswell-EP/Broadwell-EP)
	Chipset	SoC	Intel C612	Intel C612
<b>OS Support</b>		ONIE, Linux Kernel 2.6 or above	Linux Kernel 2.6 or above	Linux Kernel 2.6 or above
<b>System Memory</b>	Technology	DDR3 1333 MHz ECC	DDR4 2400 MHz REG DIMM	DDR4 2400 MHz REG DIMM
	Max. Capacity	64 GB	512 GB (16 x 32GB) per M/B tray	512 GB (16 x 32GB) per M/B tray
	Socket	Up to 2 x SODIMM	16 x 288-pin DDR4 DIMMs per M/B	16 x 288-pin DDR4 DIMMs per M/B
<b>Storage</b>	HDD Bays	1 x SATA III, 1 x mSATA connectors	2 x 2.5" Swappable HDD drive bays	6 x 3.5" Swappable HDD drive bays
	CF/SD	1 x mSATA 64GB	1 x CF per M/B tray	1 x CF per M/B tray
<b>Networking</b>	Ethernet Ports	Up to 32 x 10GbE SFP+ ports or 6 x 100GbE QSFP ports	Blade 1~2: Switch Fabric Blade or Ethernet I/O Blade	Blade 1~2: Switch Fabric Blade Blade 3~6: Ethernet I/O Blade
	Bypass	N/A	N/A	N/A
	Controllers	Broadcom® StrataDNX BCM8867x (Jericho) packet processor with 720Gbps ~1.2Tbps capacity	Depends on blade specification (HLM series)	Depends on blade specification (HLM series)
	NIC Module Slot / Blade	4 x NIM Module Slots	2 x Blades	6 x Blades
	IPMI	2 x onboard IPMI ports	1 x onboard IPMI ports	1 x onboard IPMI ports
	Management Port	2 x 10G SFP+ ports	1 x Management port	1 x Management port
<b>I/O Interface</b>	Reset Button	Yes	Yes	Yes
	Console	1 x RJ-45	1 x RJ-45	1 x RJ-45
	USB	2 x USB 2.0	1 x USB 2.0	1 x USB 2.0
<b>Expansion</b>	PCIe	N/A	N/A	N/A
	PCI	N/A	N/A	N/A
<b>Cooling</b>	Processor	CPU heatsink with fan duct	CPU heatsink with fan duct	CPU heatsink with fan duct
	System	4 x hot-swappable cooling fans	5 x hot-swappable cooling fans per M/B	5 x hot-swappable cooling fans per M/B
<b>Environmental Parameters</b>	Temperature	0°C ~55°C Operating -20°C ~70°C Non-Operating	0 ~ 40°C Operating -20~70°C Non-Operating	0 ~ 40°C Operating -20~70°C Non-Operating
	Humidity (RH)	5 ~ 90% Operating 5 ~ 95% Non-Operating	5 ~ 90% Operating 5 ~ 95% Non-Operating	5 ~ 90% Operating 5 ~ 95% Non-Operating
<b>Miscellaneous</b>	LCD Module	N/A	2 x 20 characters	2 x 20 characters
	Watchdog	Yes	Yes	Yes
	Internal RTC with Li Battery	Yes	Yes	Yes
<b>Dimensions</b>	Dimensions (WxHxD)	438 x 44 x 450 mm	438 x 88 x 685 mm	438 x 265.9 x 685 mm
	Weight	13 kg	26 kg	55 kg
<b>Power</b>	Watts / Type	300W 1+1 ATX Redundant PSUs	AC 1200 watt N+1 Redundant /each DC 1010 watt N+1 Redundant /each PM bus support	AC 1200 watt N+1 Redundant /each DC 1010 watt N+1 Redundant /each PM bus support
	Input	AC 90~264V @ 50~60Hz DC -36 ~ -72V	AC 85 ~ 264 V DC -36V ~ -72V	AC 85 ~ 264 V DC -36V ~ -72V
<b>Approvals &amp; Compliance</b>		CE class A, FCC Class A, RoHS, UL, NEBS design compliance	CE Class A, FCC Class A, RoHS, NEBS design compliance	CE Class A, FCC Class A, RoHS, NEBS design compliance