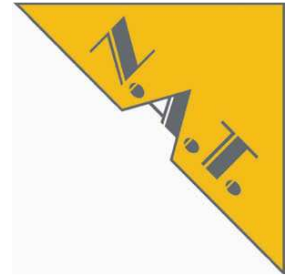


NAT-MCH - Variants

The following table summarises the NAT-MCH variants and features.
All versions are at full production level.



NAT-MCH	Gen2 (V2.1)	Gen3 (V3.x)	LC (low cost, V3.x)
Base Functionality:	•	•	•
Management of up to 12 AMCs 2 CUs, 4 PMs	•	•	•
Onboard Shelf Manager	•	•	•
Console Port	RS232	USB RS232(*1)	USB
RMCP (GbE) based management interface	•	•	•
GbE Uplink Ports	1	2	1
Port Trunking with GbE Uplink Ports	○	•	○
Power fail safe SDR Repository		•	
Bicolour LEDs for status indication of AMCs, PMs and CUs	•	•	○
Clock and Fat Pipe Mezzanines	•	•	○
Real Time Clock	•	•	○
JTAG/JSM master support		•	
Faceplate Size:	Full	Full/Mid	Full/Mid/ Compact ^(*2)
Clock Module Mezzanine:	•	•	○
AMC clocks supported	1,2,3 FCLK	1,2,3 FCLK	○
PLL Accuracy	Stratum 3	Stratum 3 Stratum 3E (Option)	○
Face plate reference clock	1 (input)	2 (input/output)	○
Clock Input Amplifier	fixed	modular	○
Fabric Clock Support (PCIe)	HCSL	HCSL	○
Spread Spectrum support (FCLK-A)	•	•	○
	•	•	○
	•	•	○
Fat Pipe Mezzanines:	•	•	○
HUB Switch Variants	PCIe, XAUI, SRIO	PCIe, XAUI, SRIO	○
Uplink ports at face plate		2 XAUI,SRIO	○
PCIe Support	Gen 1	Gen1, Gen2 ^(*2)	○
10 GbE Support	Type 1,5,6	Type 1,5,6	○
Management Software:			
External User Interface	RMCP	RMCP	RMCP
NATview – Graphical User Interface (open)HPI	•	•	•
Ipmitool	•	•	•
ENE Element HA Middleware	•	•	•

*1: available Q4 2009
*2: available Q1 2010

• - supported
○ – not supported

