

BASEBAND 6630 BASEBAND 6620





- > LTE, WCDMA and GSM capacity and Mixed Mode capability
 - Baseband 6630 capacity & capabilities equivalent to Baseband 5216
 Baseband 6620 capacity & capabilities equivalent to Baseband 5212

 - Release June 2017

BASEBAND 6630 BASEBAND 6620





- Optimized for main-remote configurations

 - 19 inch wide, 1U high, <352mm deep
 15 SFP/SFP+ for CPRI inter-connect to Radio Units reducing the need for Baseband
 - 2 optical 1/10Gbps SFP/SFP+ ports and 2 electrical 1Gbps RJ45 ports
 - Eight External Alarm ports
 - Dual 48V DC power feeding
 - Self-contained environmental control & field replaceable fan unit
 - Hardware Prepared for NR (5G) and eCPRI





COMPARISON















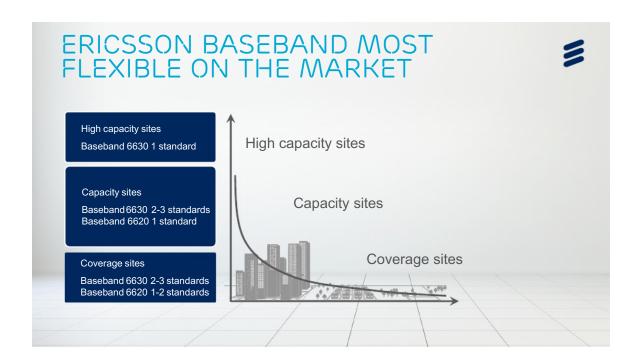


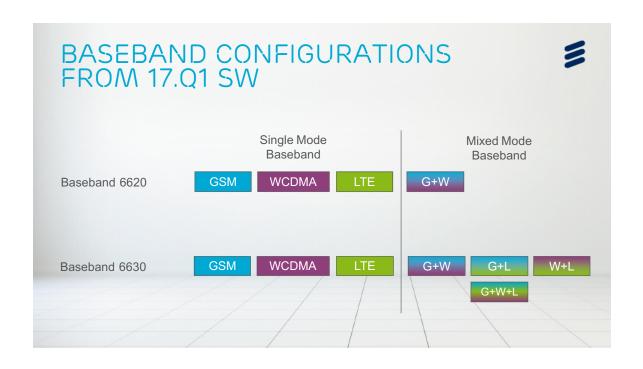
Baseband Main Unit (6601) + Baseband 5216/5212 + dummy OR

Baseband Main Unit (6601) + Baseband 5216/5212 + Baseband R503

- > Baseband 6630/20 is standalone & has its own
- olimate control Baseband 6630/20 has 15 CPRI ports & dual power feeding
- Typical power consumption estimated to (at 25°C and typical load)
 Baseband 6630: 123W
 Baseband 6620: 93W
- The RBS 6000 chassis is mandatory for Baseband
- 5216/12 Baseband R503 needed to increase number of CPRI ports
- Baseband 6630 will have > 50W lower power consumption compared to the corresponding Baseband Main Unit (6601) + Baseband 5216 + Baseband R503 configuration

HWAC to enable more than 6 CPRI ports





LTE CONFIGURATION EXAMPLES



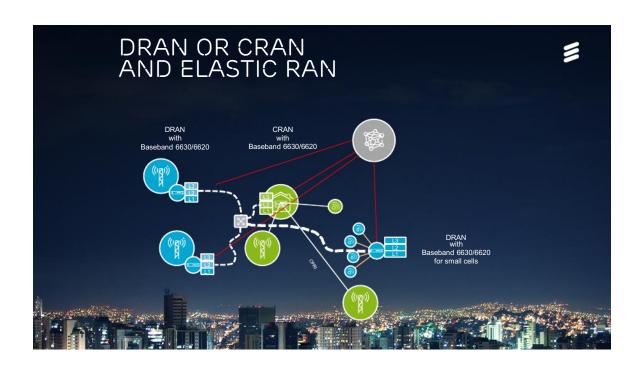


> Baseband 6630

- Up to 3 sector and 6 band sites with 20 MHz 2T2R FDD cells
- Up to 6 sector and 3 band sites with 20 MHz 2T2R FDD cells
- Up to 3 sector and 3 band sites with 20 MHz 8T8R TDD cells

Baseband 6620

- Up to 3 sector 4 band sites with 20 MHz 2T2R FDD cells
- Up to 6 sector 2 band sites with 20 MHz 2T2R FDD cells/



Front panel Interfaces



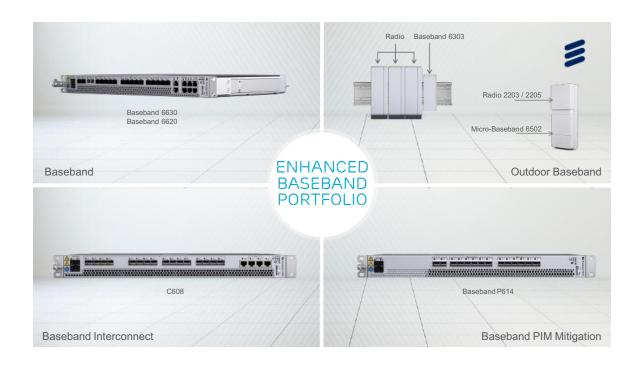


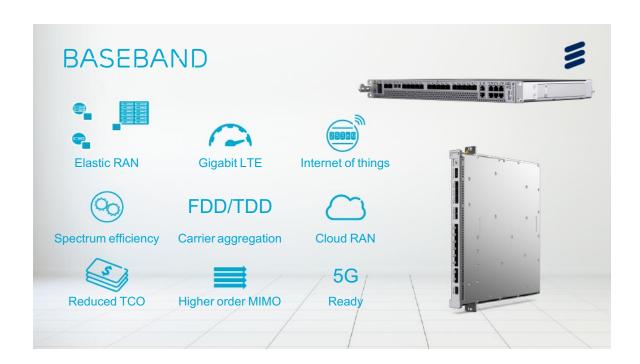
Ports	Quantity	Comments
Power	2	-48V
EC	1	RJ45
LMT	1	RJ45
TN	2+2	210G(SFP/SFP+)
IDLe	2	2 x 1G (RJ45) XCede
CPRI	15	SFP/SFP+
Sync	1	RJ45
Externala larms	8	2xRJ45
SAU	1	

MOUNTING In controlled environments Mounting in 19 inch racks or in Transmission (TM) compartment in Ericsson enclosures TM Space









SUMMARY



- High capacity in smallest form factor
- > Lowest power consumption
- > Supporting all major technologies



Ericsson has the strongest baseband portfolio on the road to 5G

